THE

Board of Trade Journal.

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The Offices of the Commercial Intelligence Branch of the Board of Trade are at **73, Basinghall Street,** London, E.C.—registered telegraphic address, "**Advantage, London;**" Code, **5th Edition A.B.C.**; telephone number, **12807 Central.** A statement of the objects and work of the Branch will be found on p. 673.

Attention is directed to the **Sample Room** at the above address, the latest additions to which are the following:—

Samples.	Reference in "Board of Trade Journal." Date.	Page.
Khaki Drill for Egyptian Government Contract	7th Dec., 1911	470
Goods in Demand at Fez	30th Nov., "	422
Bark Cloth and Cotton Cloth of native make from Uganda ...	23rd " "	399
Gum Copal from Congo State	" " "	401
Sisal Fibre from Mozambique	16th " "	348
Fibre, suitable for making fine paper, prepared from Flax Straw, from Argentina	21st Sept., "	591
Table Knives of Austro-Hungarian make imported into Poland	14th " "	512
Soap Bark ("Gogo") from the Philippines	" " "	549
Marine Fibre (*Posidonia Australis*) from South Australia ...	" " "	492
Samples illustrative of Mr. Weakley's Report on Syria ...	3rd Aug., "	240
Tripoli or Fossil Flour produced in Nova Scotia	" " "	205
Caravonica Cotton, and Thread and Cloth made from Caravonica and from Kapok	27th July, "	183
Cotton Goods of Spanish origin imported into Morocco ...	6th " "	39
Scammony Root from Jaffa	" " "	11

Attention is called to the following notices:— Page.

Register of British firms who may desire to receive **Confidential Information** relative to openings for trade 673

List of **Trade Enquiry Offices** in London of the Self-Governing Dominions 674

List of the **more important Articles** on trade subjects contained in **Foreign and Colonial Publications,** &c. received at the Commercial Intelligence Branch 670

OPENINGS FOR BRITISH TRADE.

BRITISH INDIA.

Railway Material and Stores.

The Directors of the Great Indian Peninsula Railway Company are prepared to receive tenders, up to 11 a.m. on 4th January, for the supply of the following, viz.:—

Rails and fishplates; fishbolts and nuts; cast-iron chairs; helical and volute springs; laminated springs; wheels and axles; locks, &c.; metals; station bells; bib cocks, &c.; ropes, twines,

Openings for British Trade.

&c.; plate glass, &c.; plumbago crucibles. Specifications and forms of tender may be obtained at the Company's offices, 48, Copthall Avenue, London, E.C., on payment of a fee, which will not be returned. Tenders, marked "Tender for Rails and Fishplates," or as the case may be, should be enclosed in sealed envelopes and addressed to the Secretary, at the above address.

CANADA.

Steam Road Roller; Macadam Mixer Plant.

H.M. Trade Commissioner for Canada (Mr. R. Grigg) reports that tenders will be received by the City Clerk, Westmount, Montreal, up to noon on 3rd January,* for (1) the supply of a steam road roller, and (2) the supply and erection of bituminous macadam mixer plant.

Copies of the specifications, &c. may be obtained at the office of the City Surveyor, Westmount, Montreal. Copies may be seen by British manufacturers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,546.)

Building and Furnishing Material.

H.M. Trade Commissioner also reports that a large hotel is about to be constructed in the Province of Manitoba. Further particulars may be obtained by British contractors and manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (27,551.)

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The Imperial Trade Correspondent at Toronto (Mr. F. W. Field) reports as follows:—

Water Pipes.

A poll is to be held on 1st January of the ratepayers of a town in Ontario with reference to a proposal to bring water for the town from a place 22 miles distant; 16 in. pipe would be used.

The address to which communications should be sent may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,166.)

Plant for making Paper Goods.

A New York company, manufacturing goods of all kinds made of paper, proposes to erect a factory at Kingston, Ontario, to employ 90 or 100 hands. (29,168.)

Plant for making Furniture, &c.

A Chicago company, manufacturing billiard and pool tables and supplies, bowling alleys, refrigerators, piano cases, office fixtures, and general cabinet work, intends to build a branch factory in Toronto. (29,169.)

* It will be observed that the time for the receipt of tenders is limited, and this intimation will therefore only be of use to firms having agents in Canada who can be instructed by cable.

Openings for British Trade.

CANADA—*continued.*

Motor Vehicles.

Two motor car companies have recently been formed in Canada, subsidiaries of United States concerns. Their intention is presumably to assemble in Canada the parts of automobiles manufactured at the parent companies' works in the United States, as has invariably been done by such subsidiary firms.

Mr. Field understands that the prospects for the sale in Canada next year of automobiles, commercial and otherwise, are very good; there is, however, the keenest competition in this business. Should trade depression occur in the next two or three years, it is to be feared, says Mr. Field, that some of the firms in the motor vehicle trade will experience difficulties. (29,167.)

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Plant for making Washing Powder, Caustic Soda, Metal Polish, &c.

The Imperial Trade Correspondent at Victoria, British Columbia (Mr. J. J. Shallcross) reports that considerable deposits of aluminite, tripoli, graphite, and talc have been discovered on the west coast of Vancouver Island. The tripoli deposit is stated to cover 150 acres, and the deposit of aluminite, said to be of rare quality, 200 acres. It is understood that a Victoria company will manufacture the various products of which these minerals form the base, such as washing powder, caustic soda, mechanical soap, metal polish, bleaching powder, toilet powder.

The name of the company may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,170.)

Plans for Government Buildings.

With reference to the notice on p. 576 of the "Board of Trade Journal" of 21st December relative to a competition of plans for new Provincial Government buildings at Winnipeg, the High Commissioner in London for Canada notifies that he has received copies of the conditions of the competition, which may be obtained by British architects on application to the High Commissioner at 17, Victoria Street, London, S.W.

A copy of the conditions may be seen at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

AUSTRALIA.

Sugar Machinery.

With reference to the notice on pp. 477–8 of the "Board of Trade Journal" of 1st June last relative to the erection of sugar mills in Queensland, the Queensland "Government Gazette" of 3rd November publishes the Sugar Works Act (No. 8 of 1911), authorising the State Government, on application from the owners and occupiers of cane lands within any locality, to establish and work a sugar mill in that district. The mill may be transferred to a joint stock company consisting of the growers supplying it.

The copy of the Act may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (X. 4,541.)

Openings for British Trade.

AUSTRALIA—*continued.*

Railway Material.

The "Gazette" also publishes an Act confirming an agreement with certain local authorities relating to the proposed construction of a railway 24 miles long from Keefton, near Gympie, on the North Coast Railway, to Imbil.

NEW ZEALAND.

Electric Lighting and Power Plant.

The New Zealand "Gazette" of 2nd November publishes a notice issued by the Mayor of New Plymouth to the effect that a proposal to borrow £12,000 for the extension of the electric lighting and power works has been approved on a poll of the ratepayers of the borough.

Water Supply Works.

The "Gazette" of 9th November publishes a notice by the Mayor of Waikouaiti to the effect that a proposal to borrow £9,000 for water supply purposes has been approved on a poll of the ratepayers of the borough.

Electric Lighting Plant.

The "Gazette" also publishes authorisations to the Corporations of Dunedin and Hastings to instal electric lines for lighting purposes.

Drainage and Water Supply Works; Building and Furnishing Material; River Works; Bridge Work.

According to "New Zealand Shipping and Commerce" (Wellington) of 17th November, the following works are projected in and near Blenheim:—Drainage and water supply works, £65,000; erection of new hospital, £12,000; post office, £5,000; theatre, £5,000; River Board grant, £5,000; construction of Wairau Bridge, £12,000.

SOUTH AFRICA.

Stone-Crushing Plants.

H.M. Trade Commissioner for South Africa (Mr. R. Sothern Holland) reports that tenders are invited by the South African Railways Administration for the supply and delivery of six stone-crushing plants. Tenders, *on the proper forms*, will be received by the Secretary to the Tender Board, South African Railway Headquarter Offices, Johannesburg, up to noon on 23rd January.

Copies of the specification and tender forms, &c., may be obtained from the office of the High Commissioner in London for the Union of South Africa, 32, Victoria Street, S.W. A copy of the specification may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

Note.—In the event of shipment of the plants by steamer from any port in the United Kingdom, or from a port on the continent of Europe between Bordeaux and Hamburg (both inclusive), the contractor will be required to ship by any line or lines of steamers with which the South African Government may have made arrangements for the

Openings for British Trade.

SOUTH AFRICA—*continued.*

conveyance of Government material and stores; information with regard to this can be obtained on application to the High Commissioner. The full mercantile rate of freight chargeable to ordinary shippers must be paid; the tender price, so far as freight is concerned, being calculated on that basis. (29,569.)

Drainage and Water Supply Works Construction Material and Tools.

The Imperial Trade Correspondent at Port Elizabeth (Mr. J. S. Neave) has furnished information regarding drainage and water supply schemes in the Cape Province. The estimated cost of carrying out one of the drainage schemes is £500,000; and, should the proposed works be undertaken, large quantities of material will be required, including *cement, machinery, travelling cranes, light railway material and trucks, pumps, sewerage ironwork and pipes, also picks, shovels, drilled steel, &c.*

Further particulars of the schemes may be obtained by British manufacturers and contractors on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (27,868.)

Articles in Demand. See article on p. 637.

SOUTHERN NIGERIA.

Motor Vehicles; Electric Power and Lighting Plant.

According to a supplement to the Southern Nigerian "Government Gazette" of 8th November, provision is made in the Estimates for 1912 for the establishment of additional motor transport facilities in the Western Province, rendered desirable by the completion of new roads. Provision is inserted for the expenditure of £13,000 in 1912 in carrying out works for the supply of electric power and the extension of the electric lighting system in Lagos.

A final vote is included for obtaining electric power and light for Calabar by the utilisation of the Kwa Falls.

Railway Material; Harbour Works. See notices on p. 653.

EGYPT.

Various Stores for Industrial School.

H.M. Consul at Cairo (Mr. A. D. Alban) reports that tenders are invited by the Ministry of Public Instruction for the supply of various stores required for the Khedivial Industrial School in 1912, including *angle and girder iron and other building materials; locks, hinges, bolts, sandpaper, leather belting, &c.; painters' materials; iron, steel, copper, brass, &c.; timber; acids, glass, oil, &c.* Tenders, which may be made for the whole or a part of the articles required, on stamped paper (obtainable from Mr. A. L. Webb, C.M.G., Queen

Openings for British Trade.

Anne's Chambers, Broadway, London, S.W.), will be received by the Director, Khedivial Industrial School, Bulac, Cairo, up to 1st January.* *A deposit is required with each tender.* Samples may be seen at the Industrial School.

A statement of the conditions of tender (in French), together with schedules of the articles required, may be seen by British makers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,578).

RUSSIA.

Proposed Bridge or Tunnel Construction.

The "Official Messenger" of 9th December states that the Technical Department for the Construction of Railways are drawing up plans for the construction of a tunnel under, or a bridge across, the river Amur at Khabarovsk, with the object of connecting the Amur railways with the Ussuri railway system. It was originally proposed to build a bridge across the Amur, but the cost was estimated to be so great, viz. 15,000,000 roubles (about £1,600,000), that it has been decided to consider the matter still further in order to arrive at the best and most economical way of carrying out the proposed scheme.

Plant and Material for Harbour Works.

See notice on p. 654.

NORWAY.

Proposed Underground Electric Tramway at Christiania.

With reference to the notice on p. 214 of the "Board of Trade Journal" of 2nd November relative to a proposed tunnel for electric tramways at Christiania, H. M. Consul at that place (Mr. E. F. Gray) now reports that the Norwegian Government have granted a concession in this connection. (29,190.)

DENMARK.

Gas Coal.

H.M. Consul at Copenhagen (Mr. R. Erskine) reports that tenders are invited by the Lighting Department of that place for the supply and delivery between March and December, 1912, of 210,000 tons of prime gas coal. Tenders, marked "Tilbud paa Kul," will be received at the "Direcktören for Köbenhavns Belysningsvæsen, Raadhuset, Copenhagen B," up to noon on 10th January.

A statement of the conditions of tender (in English) may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,370.)

* It will be observed that the time for the receipt of tenders will not permit of their being despatched by post, and this intimation will therefore only be of use to firms having agents in Egypt who can be instructed by cable.

Openings for British Trade.

GERMAN EAST AFRICA.

Railway and Harbour Works Materials.

The "Deutscher Reichsanzeiger" (Berlin) of 20th December publishes a law empowering the legislative authorities to utilise the funds provided for in the East African Protectorate Budget for the purpose of (*a*) continuing the construction of the Usambara Railway, (*b*) constructing a harbour in Tanga, (*c*) executing repairs and new works on the Tanga-Mombo main line, and (*d*) granting two loans to the East African Railway Company for the purpose of (1) continuing the Dar-es-Salaam—Morogoro Railway as far as Tabora, and (2) continuing the same line to Lake Tanganyika, as well as carrying out repairs and constructional work on the existing section from Dar-es-Salaam to Morogoro.

NETHERLANDS.

Metal, Rubber and Cloth Goods; Cordage; Oils.

The "Nederlandsche Staatscourant" of 19th December announces that tenders will be opened on 10th January, under the auspices of the "Ministerie van Koloniën," at the offices of the "Maatschappij tot Nut van 't Algemeen, N.Z. Voorburgwal No. 212," Amsterdam, for the supply of *cast iron goods; lead; copper and brass bars; copper and brass wire; brass and galvanised wire gauze; gas and water pipes and fittings; cloth, various; flannel; rubber mats; cordage; oils, &c.* Specifications may be purchased, price 20 cents (4d.) per copy, from "Gebroeders van Cleef, Hofspui 28A," The Hague.

Railway Material.

The same issue of the "Staatscourant" contains a notice granting to the provincial authorities of Zeeland a concession for the construction and working of a railway from Hansweert to Vlake station, which is on the State Railways.

NETHERLANDS EAST INDIES.

Railway, Tramway and Building Materials.

The "Nieuwe Rotterdamsche Courant" of 11th December states that it has been decided (1) to build a central railway station at Samarang, (2) to construct a railway designed to connect Jogja Wonogiri and Madioen, and (3) to continue the State tramway from Krian to Gempolkrep (which will be ready next May) as far as Kortosono, passing by way of Plosso.

SWITZERLAND.

Tunnel Construction.

H.M. Consul at Berne (Mr. G. de Muralt) reports that tenders are invited by the Swiss Federal Railway authorities for the construction of the second Simplon tunnel. The *dossier* may be obtained from the "Direction Générale des Chemins de Fer Fédéraux," Berne, on payment of 50 frs. (£2).

(29,575.)

Openings for British Trade.

ITALY.

Harbour Works.

With reference to the notice on p. 162 of the "Board of Trade Journal" of 26th October relative to the carrying out of harbour works in the Port of Ortona, the "Gazzetta Ufficiale" of 18th December announces that, as no award has been made respecting this contract, tenders are again invited, and will be opened on 16th January at the offices of the "Ministero dei Lavori Pubblici," Rome. The upset price is put at 2,700,000 lire (£108,000).

Although this contract will doubtless be awarded to an Italian firm, nevertheless the carrying out of the works may involve the purchase of some materials out of Italy.

Brass Tubes.

The "Gazzetta" of 20th December notifies that tenders will be opened on 13th January at the offices of the "Ministero della Marina," Rome, for the supply of brass tubes. The upset price is put at 104,000 lire (£4,160), *a deposit of* 10 *per cent. of which amount will be required to qualify any tender.* Only *bonâ fide* manufacturers of brass tubes will be allowed to tender. *Local representation is practically necessary.*

Electric Tramway Material.

The "Gazzetta" of 19th December contains a decree granting to the "Società Elettrica Bresciana" a concession for the construction and working of an electric tramway from Brescia to Gussago *viâ* Cellatica.

AUSTRIA-HUNGARY.

Cement Making Machinery.

The "Zentral-Anzeiger für das öffentliche Lieferungswesen" (Vienna) of 14th December announces that a company entitled "Actiengesellschaft Gorka, Zementfabrik in Siersza" was formed on 7th December in Cracow, for the purpose of erecting cement works in Siersza. The company has a fully paid-up share capital of 3,000,000 kronen (£125,000), and the works are to be in working order by next July.

Machine Tools.

The same issue of the "Anzeiger" states that the South Bohemian Bank is proceeding with the erection of engineering works in Tabor (Bohemia), for the purpose of manufacturing agricultural machinery. The foundation capital amounts to 1,000,000 kronen (£41,670).

AUSTRIA-HUNGARY (BOSNIA-HERZEGOVINA).

Railway Material.

With reference to the notice on p. 630 of the "Board of Trade Journal" of 22nd June last relative to proposed railway construction in Bosnia-Herzegovina, it is noted that according to the "Zentral-Anzeiger für das öffentliche Lieferungswesen" (Vienna) of 17th December, a Bill was recently submitted to the Bosnian Landtag providing for the construction of a railway from Tuzla to Rácsa *viâ* Bjelina, with

branches to Brcska, Banjaluka and Jajce, and of another railway from Bihác to Novi. Three years are allowed for the construction of these lines, and the total cost is estimated at 81,900,000 kronen (£3,412,500).

ROUMANIA.

Water and Sewerage Works; Sanitation Material.

According to the "Curier Financiar" (Bucharest) of 10th December, the municipal authorities of Braïla have now made arrangements for contracting a loan of 10,200,000 lei (£408,000), which may be issued at not more than 4¾ per cent., the loan to be redeemed in 40 years. About half the loan will be allocated to city drainage works. Among other objects for which the loan is required may be mentioned relaying water pipes 400,000 lei (£16,000), construction of a reinforced concrete water tank 120,000 lei (£4,800), public lavatories 200,000 lei (£8,000).

BULGARIA.

Construction of Metal and Reinforced Concrete Parts of Sheds.

H.M. Vice-Consul at Sofia (Mr. W. B. Heard) reports that tenders are invited by the Bulgarian Directorate of Railways and Ports for the construction of the metal and reinforced concrete parts of the superstructure of two sheds, one at Varna and the other at Bourgas. Sealed tenders will be received at the "Kreis-Finanz-Verwaltung," Sofia, up to 4 p.m. on 10th January. The upset price is put at 180,000 frs. (£7,200), and *a deposit of* 9,000 *frs.* (£360) *is required to qualify any tender.*

A copy of the specification (in German), together with a blue print, may be seen by British manufacturers and contractors at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

Local representation is necessary. A list of agents established at Sofia may be obtained by British manufacturers on application to the Commercial Intelligence Branch. (29,473.)

TURKEY.

Veterinary Instruments; Drugs.

The British Acting Consul-General at Constantinople (Mr. M. G. Harris) reports that tenders are invited for the supply of instruments and drugs for one year for the Veterinary Bacteriological Institute, Civil Veterinary School, Sultan Ahmed.

Note.—Local representation is practically indispensable in the case of Turkish Government contracts. A list of British commission agents established in Constantinople may be obtained by British firms on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,571.)

Openings for British Trade.

UNITED STATES OF AMERICA.

Automobile and Motorcycle Accessories; Transportation Appliances; General Merchandise.

H.M. Consul-General at New York (Mr. C. W. Bennett, C.I.E.) reports that a company at that place desire to get into touch with British manufacturers of automobile and motorcycle accessories and of other transportation appliances, and also of merchandise in general.

The name and address of the company may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. Any further communications regarding the enquiry should be addressed to the British Consulate-General, New York. (29,196.)

MEXICO.

Canal Works; Jetty Material, &c.

H.M. Consul-General at Mexico City (Mr. C. E. W. Stringer) reports that a contract has been entered into between the Mexican Department of Public Works and the American Dredging Company, of Galveston, U.S.A., for the cutting of a canal at the mouth of the Grijalva river, the building of jetties, and the opening of the harbour of Frontera to ocean-going ships. The canal is to be 20 feet deep and 153 feet wide at the bottom. The cost of the work is estimated at some 3½ million pesos (about £365,000). Before taking effect the contract must be ratified by the Mexican Congress. Work is to be begun within six months and completed within two years. (28,947.)

Railway Material.

The "Diario Oficial" of 27th November announces that a concession has been granted to C. Julián Sánchez Barquera for the construction and working of a railway between the States of Mexico and Michoacán, viz, from Somera, on the Tultenango-Yondesé line, to the Aldebarán mine, passing through the property of the "Mexico Mines of El Oro, Limited." The line must be completed within 2½ years. The concession is for a term of 99 years. Exemption from customs duty is granted for a period of two years in respect of any material which it may be necessary to import in connection with the undertaking.

Hydro-Electric Plant.

The "Diario" of 1st December announces that a concession has been granted to the "Compañia de Luz Eléctrica y Fuerza Motriz de Tapachula" to utilize 5 litres of water per second from the river Coatán, Department of Tapachula, for industrial purposes. The concession is for a period of 20 years. Exemption from customs duty is granted in respect of material which it may be necessary to import in connection with the undertaking.

Openings for British Trade.

MEXICO—*continued.*

Railway Material.

The same issue of the "Diario" contains a notice granting to Charles Hoyle a concession for the construction and working during 99 years of a railway between the States of Mexico and Michoacán, viz., from Villa del Oro to Tlalpujahua. Three years are allowed for carrying out the work, and during this period any material which it may be necessary to import will be exempt from customs duty.

BRAZIL.

Plant for Manufacture of Chemical Products.

The British Vice-Consul at Santos (Mr. R. A. Sandall) reports that a company has been formed for the purpose of establishing in the State of São Paulo a factory for manufacturing chemical products. The name and address of the company may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (27,125.)

PERU.

Water Supply Works.

"El Peruano" of 31st October contains a notice, issued by the Dirección de Salubridad, granting to Don Enrique C. Williamson permission to draw up plans with the object of establishing waterworks to provide drinking water for Lima, Callao, Chorrillos, Barranco, Miraflores, Magdalena Nueva y Vieja, and Ancón. Nine months are allowed for carrying out the surveying operations.

An extract (in Spanish) from "La Prenza" (Lima), containing the text of the contract made with Mr. Williamson, may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (28,870.)

CHILE.

Electric Railway Material.

The "Diario" of 6th November publishes a decree (No. 4773) authorising the "Ferrocarril Eléctrico de Santiago a San Bernardo" to construct various sections of electric railway. The work must be commenced within six months and completed within one year.

ARGENTINA.

The "Boletin Oficial" of 6th November contains the text of decrees, as follows:—

Railway Material.

No. 8366, authorising the Central Argentine Railway to proceed with the construction and working of the following lines of railway: from Peyrano to Rio Quarto; from San José de la Esquina until it joins the above-mentioned Peyrano-Rio Quarto line; from Villa del Rosario to Garza; from Ceres or Selva to the 28th parallel; from Agua Dulce or San Vicente to Santiago del Estero; from

Openings for British Trade.

ARGENTINA—*continued.*

Pinto to a point on the Villa del Rosario-Garza line; from San Francisco to the 153rd kilometre; from Pilar to Ucacha; from Viñas to Baradero; from San Martin or San Andres to Victoria; and extending the El Chañar line to Rosario de la Frontera.

No. 8461, authorising the Compañia de Tierras de Santa Fé to construct and work a railway between San Cristóbal and the Laguna del Palmar.

No. 8405, authorising the Buenos Aires and Pacific Railway Company to construct a line from Arribeños or some other point on the Laforcada-Santa Isabel section to connect with the proposed line from Alberdi to Sampacha.

No. 8441, authorising the Argentine Union Railway Company, Ltd., to carry its lines to the harbour of San Nicolás.

Wharf Material and Appliances.

No. 8463, authorising the Argentine North Eastern Railway Company to construct and work a wharf in the port of Goya (Province of Corrientes). The wharf must be of wood and iron. Any material and appliances required for constructing and equipping the wharf will be exempt from customs duties.

Electric Tramway Material.

No. 8460, authorising the Southern Electric Tramways Company to construct and work five miles of electric tramway. Twelve months are allowed for the completion of the work.

No. 8452, authorising Señores Lacroze Hermanos y Compañia to construct and work 12½ miles of electric tramway.

URUGUAY.

Athletic Outfits.

The British Vice-Consul at Montevideo (Mr. C. R. Rowland) reports that a firm at that place desire to get into direct communication with British manufacturers of *athletic outfits for football, cricket, golf, tennis, fives,* &c.

The name and address of the firm may be obtained by British manufacturers on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. Any further communications regarding the enquiry should be addressed to the British Consulate-General, Montevideo. (29,286.)

PERSIA.

Articles in Demand in Caspian Provinces.

See notice on p. 638.

CHINA.

Cheap Foreign Articles of Clothing; Cheap Jewellery, &c.

The Commissioner of Customs at Canton, in his trade report for 1910, states that the imports at that place of foreign *caps, hats, and gloves* greatly increased in the year in question. This was due to the growing popularity of these articles. It is estimated that fully 75 per cent. of the male population of Canton

wear the foreign cloth cap during the winter months. A large quantity of cheap foreign goods is exposed for sale at the different stalls lining the bund; *boots, elastic garters, caps, singlets, sweaters, handkerchiefs, towels, cheap jewellery,* &c. may all be purchased.

EXHIBITIONS.

ITALY.

International Marine and Hygiene Exhibition at Genoa.

H.M. Consul-General at Genoa (Mr. W. Keene, M.V.O.) reports that an International Marine and Hygiene Exhibition is to be held at Genoa in 1912, under the Presidency of H.R.H. Prince Thomas of Savoy. The Exhibition will not be open before July at the earliest.

Copies of the preliminary programme (in English) may be obtained by British firms on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,200.)

AUSTRIA-HUNGARY.

International Cookery Exhibition at Vienna.

H.M. Consul-General at Vienna (Mr. P. von Schoeller, C.M.G.) reports that an International Jubilee Exhibition of the Art of Cookery is to be held at that city from 16th to 26th March, 1912, the High Master of the Imperial Kitchen, the Viceroy of Lower Austria, and the Bürgermeister of Vienna being honorary presidents of the exhibition. Applications for space should be sent to the "Verband der Köche Oesterreichs, Paniglgasse 20, Vienna IV.", not later than 15th February.

A copy of the programme and form of application for space (in German) may be seen at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (29,384.)

UNITED STATES OF AMERICA.

International Rubber Exhibition at New York.

H.M. Consul-General at New York (Mr. C. W. Bennett, C.I.E.) reports that the third International Rubber and Allied Trades Exhibition is to be held at New York in September, 1912. Particulars may be obtained from the London office of the Exhibition Manager, Mr. A. Staines Manders, 75, Chancery Lane, W.C. (29,197.)

BUREAU OF COMMERCIAL INFORMATION AT CAPE TOWN.

Adverting to the notices on p. 70 of the "Board of Trade Journal" of 14th April, 1910, and p. 580 of the issue of 24th March, 1910, relative to the formation, at the office in Cape Town of H.M. Trade Commissioner for South Africa (Mr. R. Sothern Holland), of a Bureau of Commercial Information, Mr. Holland reports that the Bureau is now in thorough working order. He has issued the following circular to Chambers of Commerce and Trade Journals in the United Kingdom and South Africa, to South African Government officials and Municipalities, to members of the British Manufacturers' Representatives Association in Cape Town, and to Cape Town merchants and professional men:—

OFFICE OF H.M. TRADE COMMISSIONER,
CAPE TOWN.

DEAR SIR,

I beg to bring to your notice the fact that a

COMMERCIAL INFORMATION BUREAU

is now attached to this office, for the purpose of supplying information, free of charge, to those interested in British trade.

The object of the Bureau is to assemble under one roof as much commercial information as possible dealing with the trade of the United Kingdom and South Africa.

I send for your perusal a List* generally descriptive of the class of information available. In doing so, I cordially invite you to make full use of the data on file, and if possible to visit the Bureau.

In respect of up-country enquiries the Bureau readily undertakes to furnish information by post.

It is hardly necessary for me to add that, if at any time information is required that does not appear to be on record, I shall be very glad to take the necessary steps to obtain it, if possible, provided that such information is associated with British trade interests.

May I ask you to be good enough to pass this letter and its enclosure after perusal, to such of your employees as you consider are likely to be interested, and subsequently to place it on permanent file in your office.

I am, Dear Sir, Yours faithfully,
(Sd.) R. SOTHERN HOLLAND,
H.M. Trade Commissioner.

(C. 9,220.)

PERMANENT INTERNATIONAL ASSOCIATION OF NAVIGATION CONGRESSES.

The Board of Trade have been informed that the twelfth International Navigation Congress will be opened at Philadelphia on May 23rd, 1912, under the patronage of President Taft.

Further particulars, including the conditions under which persons or corporations may participate in the Congress, can be obtained from Lieutenant-Colonel Sandford, General Secretary of the Congress, The Bourse, Room 344, Philadelphia (U.S.A.).

*The List referred to may be seen by British manufacturers at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

TRADE MARKS ACT, 1905.

Notice is hereby given that the Board of Trade intend to make rules under Section 60 of the Trade Marks Act, 1905, and that the draft rules are published in the Trade Marks Journal, No. 1761, dated 27th December, 1911, price 6d.

TRADE MARKS IN MOROCCO.

The following information is from the report by H.M. Vice-Consul at Tangier (Mr. E. Bristow) on the trade of that district in 1910, which will shortly be issued:—

As enquiries are continually being addressed to the Consulate-General at Tangier on the subject of trade-marks, it may be of use to British merchants to point out that arrangements have been made with the Legations of the United States of America, Belgium, Italy, Austria-Hungary, Portugal, Russia, the Netherlands, France, Germany, and Spain for the protection of British trade-marks against infringements by persons under their respective jurisdictions, provided that the trade-marks in question have been duly registered in those countries.

There is no provision for the registration of trade-marks at the Tangier Consulate-General, nor is it necessary that they should be registered there, as registration in the United Kingdom is sufficient for protection against British subjects; whilst, as regards foreigners, trade-marks must be registered in accordance with the laws of their respective countries.

BRITISH TRADE ABROAD.

South Africa.—H.M. Trade Commissioner for South Africa (Mr. R. Sothern Holland) reports that, according to official returns, the total value of general merchandise and Government stores imported into South Africa during the first ten months of 1911 was £31,774,000; whilst the exports of South African produce during the same period were valued at £47,116,000. The figures for the corresponding period of 1910 were £30,927,000 and £44,821,000 respectively, the total trade in 1911 thus showing an increase of a little over 4 per cent. The imports of "general merchandise" increased from £28,688,000 in the first ten months of 1910 to £30,169,000 in the first ten months of 1911, and the share of the United Kingdom in these imports increased from £16,948,000 to £17,492,000. Proportionately, however, the United Kingdom share dropped slightly—from 59 to 58 per cent. The trade with the United Kingdom is believed to have been adversely affected to some extent by the recent industrial disturbances in this country, as not only was the execution of orders delayed, but orders for machinery, &c. are in some instances said to have been placed elsewhere, owing to the uncertain conditions which prevailed here.

South Africa continues to offer an expanding market for British manufacturers; the increase in the imports is spread over a very large number of articles, and whilst some of these advances (as those in

meat and dairy products) are unfortunately due to the ravages of East Coast fever among cattle, the majority are the result of the generally enhanced purchasing power of the country and the development of agricultural and allied pursuits. There was a falling off in respect of *mining and electrical machinery*, but this would seem to be due to the recent completion of important mining works and electrical stations. Notable increases were shown by *apparel and cotton goods; oils; furniture; drugs and chemicals; cutlery; hardware and tools; motor cars and motor bicycles; stationery and books; woollen goods; enamelled ware; stoves; leather wares; linoleum; tobacco and pipes; musical instruments, phonographs and gramophones; bicycles and tricycles; jewellery, plate and silverware; and confectionery. Agricultural machinery, fencing wire and standards, binding twine, and garden and farm seeds* all show an improvement, and in this connection Mr. Sothern Holland remarks that during a recent tour he was greatly impressed by the rapid progress of agriculture, improvement in the methods adopted by the farmers, and the manner in which private enterprise in this respect is being encouraged by the Union Government. The consequent growth of the market for *agricultural machinery* deserves the careful attention of British manufacturers.

Persia, Caspian Provinces.—The following information is from the report by H.M. Vice-Consul at Resht (Mr. H. L. Rabino) on the trade of the Caspian Provinces of Persia for the two years ended 20th March, 1911, which will shortly be issued:—

Enquiries are constantly being received at the British Vice-Consulate at Resht from firms in the United Kingdom as to openings for the sale of mining machinery, electrical plant, railway material, motor cars, &c. There is no likelihood, for the present at least, of the mineral or other resources of these provinces being developed, and there is therefore no demand for goods of the class above-mentioned.

*Parcel post.**—Something might, however, be done to further British trade in goods which can be sent to Persia by parcel post, such as *perfumery, drugs, soap, cheap cutlery, silk, prints and clothing.* All these goods are received now either from Germany or from Russia. It must, however, be borne in mind that the Persians do not require expensive goods; they usually choose what is cheapest.

Catalogues.—Catalogues in English are of no use whatever to traders and merchants at Resht. Few Persian merchants and traders are acquainted with foreign languages. French, however, is the language used for commercial correspondence.

* See the "Board of Trade Journal" of 23rd November last, p. 403; 12th October, p. 64; 14th September, p. 532; and 22nd June, p. 639.

COAL PRODUCTION AND CONSUMPTION IN THE PRINCIPAL COUNTRIES OF THE WORLD.

The following particulars relating to the production and consumption of coal in the principal countries of the world are extracted from a Return [Coal Tables, 1910, 284/1911] recently issued by the Board of Trade :—

Production.—The production of **coal** in the five principal coal-producing countries of the world in 1907, 1908, 1909, and 1910 was as follows :—

Countries.	1907.	1908.	1909.	1910.
	Tons.*	Tons.*	Tons.*	Tons.*
United Kingdom	267,831,000	261,529,000	263,774,000	264,433,000
Germany	140,885,000	145,298,000	146,397,000	150,372,000†
France	35,411,000	36,044,000	36,519,000	37,254,000†
Belgium	23,324,000	23,179,000	23,140,000	23,532,000
United States of America‖ ...	428,896,000	371,288,000	411,432,000	447,837,000†

* Tons of 2,240 lbs. † Provisional figures. ‖ Including lignite.

In each of the above countries, with the exception of the United Kingdom, the production in 1910 exceeded that of any previous year, their aggregate output being 923 million tons, or an increase of 42 millions on the output of 1909, and 27 million tons more than in 1907, when the highest previous total was reached. Except in the United States and Germany the increases were small, the former country accounting for over 36 million tons and the latter for 4 million tons of the increase over 1909. In the United Kingdom the output in 1910 fell short of that of 1907 by nearly 3½ million tons, while the figures for Belgium show little variation during the last four years.

Of the remaining countries included in the tables, Russia alone has a production exceeding 20 million tons.

It will be seen that the production in the United States in 1910 exceeded that of the United Kingdom by nearly 70 per cent., but the production of Germany was about four-sevenths, and that of France and Belgium together less than a quarter of the production of this country.

The total known coal production of the world (exclusive of brown coal or lignite) in 1910 was about 1,035 million tons, of which the United Kingdom produced more than one-fourth.

As compared with its population, the production of coal in the United Kingdom still surpasses that in the United States. It amounts to nearly 6 tons per head; whilst in the United States it is under 5 tons per head. In Belgium it amounts to 3⅓ tons, in Germany to about 2⅓ tons, and in France to under one ton per head.

The following statement shows the production of coal in the principal parts of the British Empire in the years 1907, 1908, 1909, and 1910 (the amounts are in every case stated in tons of 2,240 lbs.) :—

Coal Production and Consumption in the Principal Countries of the World.

Country.	1907.	1908.	1909.	1910.
	Tons.	Tons.	Tons.	Tons.
British India	11,147,000	12,770,000	11,870,000	12,047,000
Australia	9,681,000	10,194,000	8,186,000	9,759,000*
New Zealand	1,831,000	1,861,000	1,911,000	2,197,000*
Canada	9,385,000	9,720,000	9,376,000	11,425,000*
Union of South Africa ...	4,679,000	4,938,000	5,534,000	6,436,000*

* Provisional figures.

In Australia the output during 1910 amounted to about $2\frac{1}{6}$ tons per head of population, in New Zealand to nearly $2\frac{1}{5}$ tons, in Canada to $1\frac{2}{3}$ tons, and in the Union of South Africa to over one ton.

Consumption.—The consumption of **coal** in some of the chief consuming countries is shown in the following statement, in which the countries are given in the order of importance as coal consumers in 1910 :—

———	1907.	1908.	1909.	1910.
	Tons.	Tons.	Tons.	Tons.
United States†...	417,867,000	360,935,000	398,942,000	434,815,000*
United Kingdom	182,674,000	176,228,000	177,745,000	179,939,000
Germany	128,411,000	129,845,000	129,628,000	130,226,000*
France	52,710,000	52,995,000	54,193,000	54,861,000*
Russia	29,686,000	30,008,000	28,513,000*	27,429,000*
Austria-Hungary	24,211,000	25,028,000	25,329,000	24,590,000*
Belgium...	22,805,000	22,515,000	22,413,000	23,850,000

* Provisional figures. † Including lignite.

It will be seen from these figures that the total consumption of coal in the United States is now considerably more than twice as great as that in the United Kingdom, which has the next largest consumption, and that during the last two years it was more than equal to the combined consumption of the United Kingdom, Germany, France, and Belgium. The consumption of coal per head of population in the countries included in the preceding table is shown in the following statement, which applies to the years 1908, 1909, and 1910 :—

Year.	United Kingdom.	United States.†	Belgium.	Germany.	France.	Austria-Hungary.	Russia.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1908.....	3·99	4·06	3·05	2·06	1·35	0·51	0·19
1909.....	3·99	4·41	3·01	2 03	1·38	0·51	0·18*
1910.....	4·01	4·72*	3·17	2·01*	1·40*	0·49*	0·17*

* Provisional figures. † Including lignite.

Coal Production and Consumption in the Principal Countries of the World.

It appears from the foregoing that the coal consumption in the United States is greater in proportion to the population, as well as absolutely, than in the United Kingdom, and that Belgium and Germany are the only other foreign countries in which the *per capita* consumption of coal exceeds 2 tons per annum. Both in France and Germany the consumption per head appears small, but in these countries a large quantity of fuel of other sorts, such as lignite, wood, peat, and denatured spirits, is also used.

Lignite.—The statistics of lignite production show that the principal producing countries are Germany, Austria, and Hungary, which in 1909 produced 67,554,000 tons, 25,625,000 tons, and 7,536,000 tons respectively; in 1910 the output in Austria was 24,729,000 tons, whilst the provisional figures available show a production of 68,357,000 tons in Germany and 7,610,000 tons in Hungary in the same year. The quantity of lignite produced in the United States is included in the figures of coal produced, which have already been given. The latest available figures giving the production of lignite separately relate to 1905, when it amounted to 6,149,000 tons. In no other country does the recorded production reach one million tons. In the United Kingdom it has for some years been nil.

Petroleum.—In 1910 the total petroleum production of the United States, according to the provisional figures available, was 7,369 million (Imperial) gallons, as compared with 6,372 million gallons in 1909, an increase of 997 million gallons or about 15½ per cent. The Baku and Groznyi oil fields of Russia yielded 2,254 million gallons in 1909, a quantity which, though larger than the output in the four years immediately preceding, was still considerably less than that in 1904, which reached 2,749 million gallons. The quantity exported from Russia has, in recent years, been less than one-sixth of that exported from the United States.

The combined output of Germany, Austria, Roumania, Japan, Canada, British India, and the Netherlands East Indies in 1909 amounted to 1,708 million gallons, or about 40 per cent. more than that *exported* from the United States. The output in the above-mentioned countries in 1910 (with the exception that the figures for the Netherlands East Indies do not include those for Borneo and Sumatra, which are not yet available) amounted to 1,159 million gallons, as compared with 1,253 million gallons in 1909.

TARIFF CHANGES AND CUSTOMS REGULATIONS.

BRITISH INDIA.

Importation of Morphia, &c. into Hyderabad.

The "Gazette of India" of the 25th November last contains the text of the "Hyderabad Intoxicating Drugs Law, 1911," which regulates the importation, transport, sale and possession of morphia, coca, cocaine, and cocaine substitutes in the areas in the Hyderabad State in which the Governor-in-Council exercises jurisdiction through the Resident at Hyderabad.

The Law provides that no morphia, cocaine or cocaine substitutes shall be imported into or sold in the State, except by licensed druggists and medical practitioners, whilst the importation and sale of coca is entirely prohibited.

DOMINION OF CANADA.

Establishment of Lansdowne (Ontario) as a Customs Manifesting Station.

The Board of Trade have received from H.M. Trade Commissioner in Canada copy of a Customs Memorandum (No. 1,657 B), dated 24th November last, notifying that Lansdowne, Ontario, has been established as a Customs Manifesting Station and Customs Collecting Station, under the survey of the Port of Gananoque, with effect from 1st December, 1911.

COMMONWEALTH OF AUSTRALIA.

Customs Tariff Amendments.

The Board of Trade received a copy of a cablegram on the 21st December from H.M. Trade Commissioner in Australia notifying amendments to the Commonwealth Customs Tariff which have recently been brought into operation.

The following are the principal headings which are stated in the cablegram to be materially affected, together with the old and new rates of duty :—

Tariff Changes and Customs Regulations.

COMMONWEALTH OF AUSTRALIA—*continued.*

Articles.	Rates of Import Duty.			
	Old Rates.		New Rates.	
	Under the General Tariff.	Under the Preferential Tariff.	Under the General Tariff.	Under the Preferential Tariff.
Hemmed handkerchiefs and serviettes ... ... *ad val.*	Handkerchiefs, 40 % Serviettes, 25 %	Handkerchiefs, 35 % Serviettes, 20 %	30 %	25 %
Piece goods—handkerchiefs and serviettes defined for cutting ... ... „	not specially tariffed		5 %	Free
Cutlery, ferruled in silver ... „	„	„	15 %	10 %
Electric dynamos, including generators, coupling steam turbines—				
Over 200 horse-power ... „	12½	12½	17½ %	12½ %
Up to and including 200 horse-power .. ... „	20 %	20 %	25 %	20 %
Electroliers, gasoliers, chandeliers, pendants, brackets, zinc tubing... ... ... „	20 %	20 %	30 %	25 %
Gasmeters ... ... „	5 %	Free	20 %	15 %
„ Parts ... ... „	not specially tariffed		5 %	Free
Bricks, glazed, firebricks, lump, clay, asphalt tiles ... „	15 %	15 %	20 %	15 %
Gramophones and other talking machines and records... „	Free	Free	5 %	Free
Vehicles n.e.i., and parts n.e.i. „	35 %	30 %	40 %	35 %
Marine, mining and similar dredges ... ... „	25 %	20 %	30 %	25 %
Bodies of motor cars, wagons, and lorries, including dashboards, footboards, mudguards—				
Single seated, n.e.i. ...	35 % *ad val.*	30 % *ad val.*	each £17	each £15
Double seated			„ £24 10s.	„ £21
Bodies with fixed or movable canopy tops			„ £42	„ £36

Customs Tariff Amendments.

The Board of Trade have also received from the office of the High Commissioner for the Commonwealth in London lists of further amendments to the Australian Customs Tariff, in addition to those which were published in the "Board of Trade Journal" of the 7th December.

The following is a statement of the amendments other than those specified above, distinguishing the rates of duty under the old and new Tariffs.

Except where otherwise stated the new rates came into operation in the case of the headings up to 273 B on the 14th December, and in the case of the running headings on the 15th December:—

Tariff Changes and Customs Regulations.

COMMONWEALTH OF AUSTRALIA—*continued.*

No. of Tariff Heading.	Articles.	Rates of Import Duty.			
		Old Rates.		New Rates.	
		Under the General Tariff.	Under the Preferential Tariff.	Under the General Tariff.	Under the Preferential Tariff.
		s. d.	s. d.	s. d.	s. d.
54	Fruits and vegetables, viz.—				
	(K) Ginger in brine for the manufacture of crystallised preserved ginger under By-Law ... per lb.	Not specia	lly tariffed.	0 1	0 1
	[This is a new sub-heading.]				
59	Bananas ... ... per cental	1 0	1 0	1 6	1 6
106 (A)	Apparel and attire—				
	Woollen or silk, or containing wool or silk, n.e.i., partly or wholly made up, including materials cut into shape therefor, looping for boots, labels, hangers for coats, other textile goods *plain, printed or* having woven lettering or ornamental designs whether in piece or otherwise ... ...ad val.	40 %*	35 %*	40 %	35 %
	[The italicised words are in addition to the amendment shown in previous notice in the "Board of Trade Journal" of 7th December.]				
121 (F)	Hats, caps and bonnets—				
	The new sub-heading shown in the notice in the "Board of Trade Journal" of 7th December is now deleted.				
123 (I)	Piece-goods—				
	Leather cloth ...ad val.	5 %	Free	25 % from 1st to 13th Dec., then 5 %	20 % from 1st to 13th Dec., then Free
	The new sub-heading (I) shown in the notice in the "Board of Trade Journal" of 7th December is now deleted, and "Leather Cloth" restored to its original sub-heading 123 (E).				
	(F) Piece-goods, n.e.i., other than of wool and silk, &c. ...	5 %	Free	Inflammable: 25 % from 1st to 13th Dec., then 5 % Non-inflammable: 5 %	20 % from 1st to 13th Dec., then Free Free
	The amendment in the notice in the "Board of Trade Journal" of 7th December as to inflammable and non-inflammable piece-goods is deleted, and the heading now reads as formerly.				

* Certain minor articles, free of duty.

Tariff Changes and Customs Regulations.

COMMONWEALTH OF AUSTRALIA—*continued.*

No. of Tariff Heading.	Articles.	Rates of Import Duty. Old Rates. Under the General Tariff.	Old Rates. Under the Preferential Tariff.	New Rates. Under the General Tariff.	New Rates. Under the Preferential Tariff.
		s. d.	s. d.	s. d.	s. d.
134 (B)	Plain braids ... ... The width of 1 inch, as shown in amendment in the notice in the "Board of Trade Journal" of 7th December, is altered to read 2 inches.*	Free	Free	Free	Free
141	Lamps and Lampware— (C) Primus and other similar heating lamps ad val. ...	20 %	20 %	30 % from 1st to 13th Dec., then 20 %	25 % from 1st to 13th Dec., then 20 %
236 (G)	Barytes, crude, per cwt. ...	2 0	2 0	2 6	2 6
268	Stone and marble— (D) Wrought, n.e.i., ad val....	30 %	30 %	35 % from 1st to 13th Dec., then 40 %	35 % from 1st to 13th Dec., 40 % from 14th to 20th Dec., then 35 %
273	Acetic Acid, extract or essence of vinegar— (A) Vinegar, the product of malt, &c., per gall. ...	0 6	0 6	1s. from 1st to 13th Dec., then 6d.	1s. from 1st to 13th Dec., then 6d.
	(B) Vinegar, not the product of malt, &c., per gall. ... Items (A) and (B). The amendments shown in the notice in the "Board of Trade Journal" of the 7th December are deleted, and the headings now read as formerly.	2 0	2 0	1s. from 1st to 13th Dec., then 2s.	1s. from 1st to 13th Dec., then 2s.
303	(B) New Zealand *White* Pine, undressed, *n.e.i.* per 100 super feet ... ... [The italicised words are new.]	0 6	0 6	0 6	0 6
	(F) Timber, dressed, n.e.i. per 100 super feet	3 0	3 0	3s. 6d. from 15th to 20th Dec., then 3s.	3s. 6d. from 15th to 20th Dec., then 3s.
	(DD) Of hickory in the rough— Spokes *rough-turned but not shouldered or tenoned* ...	Free	Free	Free	Free
	Rims and felloes ...ad val. [The italicised words are new.]	Free	Free	10 %	10 %
350	(B) Rubber manufactures, n.e.i., &c.— (1) Covers 2½ lbs. weight or less; tubes 1 lb. or less ad val.	25 %	20 %	25 %	20 %
	(2) Other covers and tubes [The heading (B) published in the notice in the "Board of Trade Journal" of 7th Dec. is deleted.]	25 %	20 %	1 6 per lb. or 25 % *ad val.* whichever higher.	1 2 per lb. or 20 % *ad val.* whichever higher.

* Since amended to read 3 inches, with effect from 21st December.

Tariff Changes and Customs Regulations.

COMMONWEALTH OF AUSTRALIA—*continued.*

No. of Tariff Heading.	Articles.	Rates of Import Duty.			
		Old Rates.		New Rates.	
		Under the General Tariff.	Under the Preferential Tariff.	Under the General Tariff.	Under the Preferential Tariff.
		s. d.	s. d.	s. d.	s. d.
350	(C) Rubber tyres, not pneumatic ... ...ad val.	25 %	20 %	25 %	20 %
	(D) Rubber floor and carriage mats ... ...ad val. [This is a new sub-heading.]	25 %	20 %	15 %	10 %
351	"Masticated rubber" (deleted from the sub-heading shown in the notice in the "Board of Trade Journal" of 7th December and restored to heading 351) ... ...ad val.	Free	Free	15 % from 1st to 14th Dec., then Free	10 % from 1st to 14th Dec., then Free
352	(C) Buggy saddles ...ad val. [This is a new sub-heading.]	25 %	25 %	5s. each or 30 % ad val. whichever higher	4s. each or 25 % ad val. whichever higher
353	(D) Hides, limed, freshed or split ... ... each	Not specially tariffed.		5s. from 1st to 14th Dec., then 3s.	5s. from 1st to 14th Dec., then 3s.
356	Paper: News—Printing ... (F) The sub-heading published in the notice in the "Board of Trade Journal" of 7th December, is deleted, and heading 356 (E) now reads as formerly.	Free	Free	Free	Free
,,	Strawboard ... per cwt. (K) [Amendment of rates published in the notice in the "Board of Trade Journal" of 7th December cancelled. Rates now restored to read as formerly.]	1 6	1 6	2s. from 1st to 14th Dec., then 1s. 6d.	1 6
	(J) and (K) –				
380	(2) Chassis, excluding rubber tyres and tubes ...ad val.	5 %	Free	15 % from 1st to 14th Dec., then 5 %	10 % from 1st to 14th Dec., then Free
	(3) Parts of chassis or wheels unassembled, excluding rubber tyres, tubes, subject to Departmental By-Laws ... ... [This sub-heading published in the notice in the "Board of Trade Journal" of 7th December is deleted.]	—	—	—	—
408	(A) Small corks (up to 8 oz. bottles), bungs and rings, per lb.	1 0	1 0	1 0 or 30 % *ad val.* whichever higher.	1 0 or 30 % *ad val.* whichever higher.

Tariff Changes and Customs Regulations.

COMMONWEALTH OF AUSTRALIA—*continued.*

No. of Tariff Heading.	Articles.	Rates of Import Duty.			
		Old Rates.		New Rates.	
		Under the General Tariff.	Under the Preferential Tariff.	Under the General Tariff.	Under the Preferential Tariff.
		s. d.	s. d.	s. d.	s. d.
	(B) N.E.I. ... per lb.	0 6	0 6	0 6 or 30 % *ad val.* whichever higher.	0 6 or 30 % *ad val.* whichever higher.
419	(B) Oil and water-colour paintings n.e.i., other than by Australian students *or Australian artists abroad* ... ... [The italicised words are in addition to the new sub-heading published in the notice in the "Board of Trade Journal" of 7th December.]	Free	Free	25 % *ad val.* from 1st to 14th December; then 25 % *ad val.* or £1 each whichever higher.	25 % *ad val.* from 1st to 14th December; then 25 % *ad val.* or £1 each whichever higher.

Customs Decisions.

The Board of Trade have also received a copy of a Supplement (No. 32) to the Customs Tariff Guide, dated 2nd November, 1911, giving certain Customs decisions respecting the rates of duty leviable on various articles imported into the Commonwealth of Australia.

The following are the principal decisions given:—

Articles.	Tariff No.	Rates of Import Duty.	
		Under the General Tariff.	Under the United Kingdom Preferential Tariff.
Bags, baskets, &c.—			
Tidies, hair—			
Aluminium	387 A	30 % *ad val.*	**25 % ad val.**
Glass, with plated top	387 A	30 % "	**25 %** "
Bottle stoppers, imported in same ship as bottles with which they are to be used ...	259 A	35 % "	**25 %** "
Drugs, chemicals, &c.—			
Airol; Thigenol	287	Free	Free
Omnopon—powder	287	Free	Free
" tablets	292 A	15 % *ad val.*	15 % *ad val.*
" 2 per cent. solution in 1 c.c. ampoules	292 A	15 % "	15 % "
Thiocol—powder	287	Free	Free
" tablets	292 A	15 % *ad val.*	15 % *ad val.*,

Tariff Changes and Customs Regulations.

COMMONWEALTH OF AUSTRALIA—*continued.*

Articles.	Tariff No.	Rates of Import Duty. Under the General Tariff.	Under the United Kingdom Preferential Tariff.
Electrical appliances and materials—			
*Contact breakers	178 D	17½ % *ad val.*	**10 % ad val.**
Telewriter, an electrical instrument which transmits handwriting in the manner in which a telephone conveys sounds	178 D	17½ % „	**10 %** „
Gum, Burmese, used as a paste by confectioners	261 B	30 % „	**25 %** „
Lamps and lampware—			
Motor car lamps, electric (head, side and rear, similar to ordinary gas or oil lamps, but illumined by an electric filament lamp)	141 A	25 % „	**15 %** „
Machinery, machines, &c. (including agricultural implements and machine tools)—			
Cutting and slitting (paper-working)...	166	Free	Free
*Saw plates, when imported separately for saw-frame machines for stone-working	162 C	25 % *ad val.*	**20 % ad val.**
Meats, poultry, &c.—			
Bacon, cooked (in 1 lb. tins)	81	Per lb. 3d.	Per lb. 3d.
Paper—			
Writing, in sheets over 16 in. by 13 in., and having marginal and writing lines watermarked only	357 A	30 % *ad val.*	**25 % ad val.**
*Rings, rubber, for cream separators ...	350	25 % „	**20 %** „
Soap—Thigenol	100 A	25 % *ad val.*, or per lb. 4d., whichever higher	25 % *ad val.*, or per lb. 4d., whichever higher
Surgical and dental, &c.—			
Caponizing set	442	Free	Free
Tapes, measuring, in fancy brass covers of various designs, *e.g.*, cup, saucer, and spoon or kettle. The tape is wound by movement of the spoon and kettle lid respectively	326	25 % *ad val.*	**20 % ad val.**
Trays—			
*Pin, aluminium...	170 C	Free	Free
Trinket, of aluminium, having on one side a small picture	170 C	Free	Free
Yarns—			
Jute, hemp and flax, in balls, &c., weighing not more than 2 lbs. The classification of these yarns under item 402 will be permitted only if security be given that the yarns are imported *bonâ fide* for sewing purposes only, and will be so used without any further process of manufacture	402	Free	Free

* Revised decisions.

Tariff Changes and Customs Regulations.

DOMINION OF NEW ZEALAND.

Additional Export Duty on Gold.

The Board of Trade are in receipt of a copy of the Mining Amendment Act, 1910 (No. 78 of 1910) which amends the New Zealand Mining Act of 1908.

The Act provides, *inter alia*, that *in addition* to the duty payable on gold exported from the Dominion under the Gold Duty Act of 1908, there shall be payable on the export of all gold (whether produced in the North or the South Island) a duty of 3d. per oz. troy weight of gold of the fineness of 20 carats and upwards, and so in proportion for any less quantity than an ounce of the fineness aforesaid, and so in proportion on every ounce of a less degree of fineness than 20 carats.

The duty collected under Act of 1910 is to be paid into the Public Trustee's Account and placed to the credit of an account called the "Gold Miners' Relief Fund."

[*Note.*—Under the Act of 1908, an export duty of 2s. per oz. troy is levied on gold produced in the *North Island* only.]

BRITISH SOUTH AFRICA.

Customs Decisions.

The Board of Trade have received a copy of a Notice (No. 26), dated 13th November, 1911, giving Customs decisions respecting the rates of duty leviable on various articles imported into British South Africa.

The following is a statement of the principal decisions given:—

Articles.	Tariff No.	Rate of Import Duty.	Rebate upon goods the growth, produce or manufacture of the United Kingdom or reciprocating British Colonies.
Boards, wood-pulp, for partitions in buildings ... ...*ad val.*	175	15 %	3 %
Cement, iron ("smooth-on" compound) „	175	15 %	3 %
Cocoanut flour, unsweetened, in bulk ... „	74	3 %	Whole of the duty.
Emery wheel dressing tools ... ... „	98 (*a*)	3 %	Whole of the duty.
*"Flakna" bun flour ... ... „	175	15 %	3 %
*"Flakna" sponge mixture ... ...*per lb.*	16	2½d.	¼d.
Fruit and vegetable preservers and sterilizers for domestic use ... ...*ad val.*	175	15 %	3 %
Ginger-beer powder (Bird's) ... ...*per lb.*	35	2¼d.	¼d.
Gram, in the grain or raw ... *per 100 lbs.*	17b (1)	2s. 0d.	2d.
„ ground, or otherwise prepared „	17b (2)	2s. 9d.	3d.
Lapsee (Lapsi), maize flour ... „	17b (2)	2s. 9d.	3d.
Massoor (Massur), a bean, in the grain or raw ... ... *per 100 lbs.*	17b (1)	2s. 0d.	2d.
Massoor (Massur), a bean, ground or otherwise prepared ... ... *per 100 lbs.*	17b (2)	2s. 9d.	3d.
Moong (Mung), a bean, in the grain or raw ... ... *per 100 lbs.*	17b (1)	2s. 0d.	2d.
Moong (Mung), a bean, ground or otherwise prepared ... ... *per 100 lbs.*	17b (2)	2s. 9d.	3d.
Paper, coloured, embossed ... ...*ad val.*	175	15 %	3 %
Paper, blue cheque ... ... „	175	15 %	3 %
Seed, cumin or commin... ... ...*per lb.*	35	2¼d.	¼d.
Seed, fennel ... ...*ad val.*	175	15 %	3 %
Seed, sesame (gingelly) ... ... „	175	15 %	3 %

* Revised decision.

Tariff Changes and Customs Regulations.

BRITISH SOUTH AFRICA—*continued.*

Articles.	Tariff No.	Rate of Import Duty.	Rebate upon goods the growth, produce or manufacture of the United Kingdom or reciprocating British Colonies.
Toor (Tur), a bean, in the grain or raw *per 100 lbs.*	17b (1)	2s. 0d.	2d.
" " ground or otherwise prepared ... ... *per 100 lbs.*	17b (2)	2s. 9d.	3d.
Val, a bean, in the grain or raw "	17b (1)	2s. 0d.	2d.
" " ground or otherwise prepared *per 100 lbs.*	17b (2)	2s. 9d.	3d.

CEYLON.

Revised Customs Duty on Arrack.

The "Ceylon Government Gazette" of the 17th November last contains a Notice stating that a Resolution was passed by the Legislative Council on the 15th November imposing from that date a duty of R. 1.07 per proof gallon on all arrack imported by any person under the warrant of the Governor into the Colony.

[*Note.*—Under the Ceylon Customs Tariff "arrack" was not specially tariffed, but if classed as "unenumerated spirits" it was subject to a duty of Rs. 8 per proof gallon.]

FEDERATED MALAY STATES.

Quarantine Restrictions relating to Animals.

The "Federated Malay States Government Gazette" of the 10th November last contains a statement of the quarantine restrictions relating to animals in force in the States of Perak, Selangor, Negri Sembilan and Pahang.

The Statement is given in some considerable detail, and may be seen by British traders interested on application at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

EAST AFRICA PROTECTORATE.

Heavy Packages of Machinery, &c. to be Landed at the Kilindini Wharf.

The Board of Trade have received information from the Acting Chief of Customs at Mombasa, stating that a Notice appeared in the East Africa Protectorate "Official Gazette" of 15th November last, notifying that from the 1st January, 1912, packages, crates and parts of agricultural and industrial machinery and boilers, over 1 ton in weight, will not be landed at Mombasa Customs, but must be consigned to and off-landed at the Kilindini wharf.

The goods if imported for up-country stations may, by arrangement with the Customs and railway authorities, be landed direct into railway trucks from the lighter for despatch.

SOUTHERN NIGERIA.

Prohibition of Importation of Manillas and Certain Brass, &c. Rods.

With reference to the Notice which appeared on p. 502 of the "Board of Trade Journal" of 7th December last, respecting the prohibition of the importation of brass rods and manillas into Southern Nigeria in accordance with the provisions of an Order No. 26 of 1911, the Board of Trade have now received a copy of a further Order (No. 32 of 1911), which was approved by the Resolution of the Legislative Council of Southern Nigeria on 26th October last.

The Order under notice revokes the Order No. 26 of 1911, and at the same time provides for the prohibition of the importation into Southern Nigeria of the following articles:

(1) Manillas.

(2) Brass rods or rods of copper or of any other metal or alloy, except in conformity with the "Currency Proclamation, 1911."

BRITISH GUIANA.

Regulations respecting Exportation of Balata.

The "Official Gazette" of British Guiana of 18th November last contains certain Regulations which it is proposed to introduce into the British Guiana Court of Policy governing the exportation of balata from the Colony.

In these Regulations it is provided, *inter alia*, that before any balata is shipped an entry in duplicate and a shipping bill in prescribed form must be given by the shipper or his agent to the proper Customs officer. The Comptroller or proper officer shall, before signing the entry and issuing the shipping bill for balata intended for exportation, require a bond in the penalty of double the duty involved from the exporter or his agent with one surety for payment within three days of the clearance of the ship of the duty on the quantity certified by the export officer as having been shipped. Such bonds may be prepared by the Comptroller of Customs. A general bond to cover any number of transactions may be entered into.

If the exporter or his agent does not desire to execute a bond, he shall pay or deposit the export duty on the said balata before the shipping bill is signed and issued as authority for exportation.

BELGIUM.

Conversion of certain *ad valorem* into Specific Duties.

The "Moniteur Belge" for the 27th November contains a Belgian Royal Decree, dated the 23rd November, providing that on and after the 1st September, 1912, the existing *ad valorem* duties levied on corks, and on carpets of jute mixed with wool (the jute predominating) shall be superseded by specific duties (in accordance with the authority conferred on the Government by Article 4 of the Law of the 16th June, 1905), as shown in the following statement:—

Tariff Changes and Customs Regulations.

BELGIUM—*continued.*

(Franc (100 centimes) = 9·6d. ; 100 kilogrammes = 220·46 lbs.)

Tariff No.	Tariff Classification.	Specific Rates of Duty from the 1st September, 1912.	
			Frs. cts.
Ex. 38 ...	Stoppers of cork (not including stoppers of cork with fittings of wood, metal, india-rubber, &c.)...	100 kilogs.	40 00
Ex. 64 ...	Floor carpets of jute and wool, the jute predominating, with or without admixture of other textile materials :		
	Printed	,,	30 00
	Note.—This heading includes only *moquettes bouclées* in which the designs or tints are obtained by printing on the warp ("tapestry" carpets).		
	Other	,,	40 00

TURKEY.

Certificates of Origin for Goods Imported by Post.

With reference to recent notices respecting the requirement of certificates of origin for all goods shipped to Turkey, the Board of Trade are now in receipt, through the Foreign Office, of information to the effect that such certificates are required for all goods imported in commerce, whether imported by parcel post or otherwise.

MOROCCO.

Valuations of Principal Articles of Import.

The Board of Trade have received, from H.M. Consul-General at Tangier, copies of a Tariff showing the valuations of the principal goods imported into Morocco, which has been drawn up by the Committee constituted by Article 96 of the Algeciras Act, and is to form the basis upon which duty is to be assessed by the Moorish Customs Administration during the first half of the year 1912.

The Tariff (in French) may be seen by persons interested on application to the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

[Foreign goods imported into Morocco are, with certain exceptions, subject to duty at the rate of 10 per cent. *ad valorem*, and are also liable, in addition, to the special tax of 2½ per cent. *ad valorem* imposed as a temporary measure by Article 66 of the Algeciras Act.]

COMMERCIAL TRAVELLERS' REGULATIONS.

COLOMBIA.

Tax on Travellers Visiting Cali.

The Board of Trade are in receipt, through the Foreign Office, of information to the effect that a Municipal tax is now levied on travelling agents of foreign houses visiting Cali. The tax, which must be paid to the Municipal Treasurer, amounts to 30 dollars gold (about £6) and holds good for 120 days. If the traveller wishes to remain in Cali after the expiration of the 120 days for which his licence is available he must pay in advance a tax of 5 dollars gold (£1) per month. The actual licence to carry on operations is obtainable from the Mayor, and is issued only on presentation of a receipt from the Municipal Treasurer showing that the tax has been paid.

The above regulation took effect from 16th October last. (C. 9,994.)

SHIPPING AND TRANSPORT.

SOUTHERN NIGERIA.

Railway Working and Extension.

A supplement to the Southern Nigerian "Government Gazette" of 8th November contains the Governor's address on presenting the Estimates for 1912 to the Legislative Council, from which the following particulars are taken :—

Although no additional section of the Lagos Railway has been opened to public traffic during the present year (1911), the rails have been linked up between Jebba and Zungeru, and it is hoped that before the end of the year it may be possible to commence the running of a regular service of trains right up to the junction of the Baro-Kano line at Minna, 467 miles from Lagos. By that time it is probable that the line from Minna to Zaria and Kano will also be ready for a regular service, and that trains may run from Lagos right up to Kano.

In 1903, two years after the opening to Ibadan, the gross revenue of the railway was only £51,000; in 1907 the revenue for the first time exceeded £100,000; in 1910 it amounted to no less than £265,000. This year there is little doubt that the receipts will exceed £300,000, and for 1912 they are estimated at no less than £352,000.

The large works, costing £200,000, to improve the first constructed section (124 miles) between Lagos and Ibadan, with its sharp curves and steep and dangerous grades, up to the standard of the newer line, are rapidly nearing completion. The estimated reduction in cost of haulage is almost 50 per cent.

The financial position of the Colony is now so good that with prudence the construction of other railway works can be undertaken,

amongst these the line surveyed in 1906 from Itu to the north of Ikot-Ekpene to Owerri and Oguta; this line will pass through extraordinarily thickly populated country, which might almost be described as an oil-palm forest. If the lines from Onitsha to Udi and from Itu to Owerri are constructed, a connecting line could be built, only some 60 miles in length, which would give communication between the Niger and the Cross River. A further connection, about 50 miles long, between Itu and the port of Calabar would certainly be required a few years later.

Harbour Works at Lagos and Calabar.

The works to deepen and improve the harbour of Lagos are steadily advancing. The East Mole now stretches a mile seawards from the signal station, and the maximum draught allowed for steamers has, during the whole of the present bad season, never been lowered below 14 feet. With the early commencement af the West Mole, the preliminaries for which are now nearly completed, a rapid improvement of the entrance may be expected, as the barrier provided by the West Mole lessens the deposition of shifting sand in the channel.

In the Eastern Province it is proposed to erect a large Customs pier at Calabar to facilitate the discharge of cargo from ocean steamers.

RUSSIA.

Harbour Improvements in the Baltic.

Adverting to the notice on p. 440 of the "Board of Trade Journal" of 30th November relative to proposed harbour improvements at Libau, H.M. Consul at Riga (Mr. V. H. C. Bosanquet) has furnished the following particulars, taken from a report laid before the Duma by the Russian Ministry of Commerce, relative to other proposed harbour improvements on the coast of the Baltic Sea:—

Riga.—A sum of 1,191,300 roubles was voted in 1909 for completing the reconstruction of the Customs quay. A Bill has been drafted and submitted for the consideration of the department for the extension of the Mühlgraben quay and of the railway quay (export harbour), at a cost of 1,729,000 roubles. Plans are to be prepared at once for further improvements, the cost of which is estimated at 3,759,000 roubles.

Windau.—The estimate for the work to be first undertaken in improving and dredging the harbour of Windau amounts to 927,000 roubles, including 500,000 roubles for the deepening of the fairway, and 427,000 roubles (of which 237,000 roubles have already been paid out) for the extension of the mooring quay. Further expenditure for dredging and for new equipment, amounting to 690,000 roubles, is to be provided for as need arises.

Pernau.—It is proposed to expend 120,000 roubles on the gradual extension of the lumber quay.

Harbours of Refuge.—The estimate for the establishment of harbours of refuge in the Baltic amounts to 1,565,000 roubles. Bills for works at Oriaka (Dago Island) and Zerel (Oesel Island) at a cost of 266,000

roubles, and at Asserien (? and) Werder Spithamm at a cost of 580,000 roubles are to be laid before the Duma this session. Bills relating to harbours of refuge at Paulshafen, Tiefenhafen, Kielkond, Kaporbucht, and Port Kunda, at a total cost of 751,000 roubles, are to be submitted to the Duma next session. The Legislature will be asked to sanction a vote of 1,597,000 roubles to cover the cost of the harbours of refuge. (H. 15,442.)

Rouble = 2s. 1½d.

UNITED STATES OF AMERICA.

Columbia River Towage and Pilotage Tariffs.

H.M. Consul at Portland, Oregon, (Mr. J. Laidlaw) has forwarded a copy of the amended Columbia River Towage and Pilotage Tariff No. 1 and the Special Towage Tariff No. 2, which came into force on 7th November. The Tariffs may been by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (H. 15,750.)

PANAMA.

Traffic on Panama Railway.

H.M. Minister at Panama reports that the total tonnage of goods carried on the Panama railway in the 12 months ended 30th June last, as compared with the previous year, was as follows:—

—	1909–10.	1910–11.
	Tons.	Tons.
Atlantic to Pacific ports	991,856	1,178,560
Pacific to Atlantic ports	280,361	378,470

Commercial goods formed 36·42 per cent. of the total tonnage carried in 1910–11. Coal formed 49·53 per cent. of the local or non-commercial merchandise, which included supplies for the Railway Company.

The total tonnage increased 22·39 per cent. in 1910–11, as compared with 1909–10. The tonnage of goods from the United States Atlantic ports to South Pacific, Central American and Mexican ports increased by 17,218 tons; and the tonnage from Europe to those places increased by 9,576 tons. The tonnage of goods to Panama from the United States Atlantic ports decreased by 3,085 tons, and that from Europe increased by 3,427 tons. There was a decrease of 1,022 tons in the tonnage of goods going from the Pacific to United States Atlantic ports, and an increase of 18,388 tons in that going to Europe. (C. 9,555.)

MINERALS, METALS AND MACHINERY.

UNITED KINGDOM.

Enquiry under Boiler Explosions Acts.

A formal investigation was held at Nuneaton on 12th and 13th December into the circumstances attending the explosion of a boiler that occurred at that place on 16th December, 1910. The Commissioners found that the cast iron cylinder which burst was not a sound casting, and that the explosion was due to the pressure of steam exceeding the strength of the cylinder; the working pressure on the cylinder had been raised by the owners shortly before the explosion from 60 lbs. to 80 lbs. No proper measures were taken by the owners either to ascertain whether the cylinder was safe for the higher working pressure or to ensure that it was worked under safe conditions, and they were ordered to pay £50 towards the costs of the investigation. (M. 30,108/10.)

AUSTRALIA.

Report of Royal Commission on the Iron and Steel Industry of New South Wales.

H.M. Trade Commissioner in Australia has forwarded a copy of the Report of Mr. F. W. Paul, the British iron and steel expert who was recently appointed by the New South Wales Government as Royal Commissioner to investigate the suitability of Australian ores for the manufacture of iron and steel, and the cost at which the different classes of iron and steel required by the various Australian Governments could be produced, &c.

The report, together with the minutes of evidence, may be consulted at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

SOUTH AFRICA.

Rules under Mines and Works Act, 1911.

An extraordinary issue of the "Union Gazette," dated 21st November, publishes the text of rules, made under Section 4 of the Mines and Works Act (see the "Board of Trade Journal" of 27th April last, p. 196), which came into force on 1st December, 1911. The "Gazette" may be seen at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (X. 4,280.)

RUSSIA.

Importation of Pig Iron at Reduced Rates of Duty.

With reference to the notice on pp. 625-6 of the "Board of Trade Journal" of 22nd June relative to a Russian law, passed on 18th/31st May last, empowering the Council of Ministers to authorise the importation of pig iron at reduced rates of duty, up to 1st/14th July, 1912, to a total quantity of 10,000,000 pouds (about 160,000 tons), H.M. Commercial Attache for Russia (Mr. H. Cooke) reports that from 1st/14th July to 12th/25th November last 136 works received authorisation to import a total of 3,925,000

pouds (62,800 tons) of pig iron at reduced rates of duty. 1,630,000 pouds were imported through St. Petersburg for 23 works, 885,000 pouds over the Polish frontier, 860,000 pouds through the Baltic ports, and 510,000 pouds through Odessa, Nicolaiev, Taganrog, Mariupol and Berdiansk. The rates of duty paid varied from $\frac{1}{10}$ copeck to $28\frac{1}{2}$ copecks per poud (the conventional tariff rate is 45 copecks per poud, or £2 19s. 2d. per ton). (C. 9,965.)

1,000 pouds = 16 tons about. 100 copecks = 2s. $1\frac{1}{2}$d.

GERMANY AND LUXEMBURG.

Production in Iron and Steel Works in 1910.

The German Statistical Office has recently published particulars of the mineral and metallurgical output of Germany and Luxemburg in 1910, from which are extracted the following details of the production in iron and steel works :—

—	1909.	1910.	Increase per cent.
Blast Furnaces—	Metric tons.	Metric tons.	
Pig iron and direct castings	12,644,946	14,793,604	17·0
Foundries and Iron and Steel Works—			
Castings of second fusion : pipes and tubes	351,200	367,581	4·7
other	2,037,615	2,284,031	12·1
Ingots, blooms, billets, &c., for sale ...	2,806,087	2,997,780	6·8
Rails and fastenings	1,129,596	1,243,996	10·1
Sleepers and fastenings	355,041	364,145	2·6
Railway axles, wheels, tyres, &c.	241,957	265,651	9·8
Merchant iron (shaped iron, structural iron, profile iron, &c.)	4,319,614	4,934,437	14·2
Plates and sheets (excluding tinplates) ...	1,501,611	1,651,558	10·0
Tinplates	55,427	57,136	3·1
Wire	909,563	966,198	6·2
Pipes and tubes (wrought iron and steel)...	165,426	216,476	30·9
War material of all kinds (guns, projectiles, &c.)	37,219	43,606	17·2
Other saleable iron and steel goods (machine parts, forged pieces, &c.)	375,930	414,087	10·2

Metric ton = 2,204·6 lbs.

GERMAN SOUTH-WEST AFRICA.

Copper Output.

H.M. Consul at Lüderitzbucht (Mr. E. Müller) reports that in the twelve months ended 31st March, 1911, 42,000 metric tons of ore were extracted from the Tsumeb and Otavi Valley copper mines, as compared with 49,500 tons in the previous year. The 31,600 tons shipped or at the port ready for shipment in 1910–11 had an average content of 16 per cent. of copper, 24 per cent. of lead, and 290 grams per ton of silver. Mr. Müller adds that new discoveries of copper ore have been made in the neighbourhood of Tsumeb, which promise well, the ore being said to bear 20 per cent. of copper. (29,154.)

YARNS AND TEXTILES.

BRITISH INDIA.

Cotton Spinning and Weaving Returns.

The following statement, showing the quantity of cotton yarn spun and of cotton woven goods produced in British India and the Native States during the six months ended September, 1909, 1910, and 1911, has been extracted from a return issued by the Indian Government :—

		Six months ended September,		
		1909.	1910.	1911.
BRITISH INDIA AND NATIVE STATES.				
Cotton yarn spun	Lbs.	329,093,673	325,064,458	300,234,233
Grey and bleached piece goods ...	"	87,099,189	94,558,254	100,502,630
	= Yards	379,395,814	419,299,609	442,717,184
Coloured piece goods	Lbs.	22,793,685	25,894,028	28,786,966
	= Yards	92,858,276	106,880,462	122,645,380
Grey and coloured goods (other than piece goods)	Lbs.	900,445	855,114	653,111
Hosiery	"	250,718	254,035	238,915
Miscellaneous goods	"	131,033	37,489	38,423
Total of woven goods ...	"	111,175,070	121,598,920	130,220,045

NETHERLANDS EAST INDIES.

Fibre Congress and Exhibition.

The "Nachrichten für Handel" (Berlin) of 27th November states, on the authority of the German Consul in Batavia, that, although the Fibre Congress held at Sourabaya last July may not have quite fulfilled the expectations entertained of it, a great deal of knowledge was gained on the subject of fibres through the deliberations of the Congress, as well as from the exhibits and from the small botanical garden attached to the exhibition. It would appear that, notwithstanding the advances made, there is plenty of room for improving the present machinery used in the treatment of fibres, and it offers a profitable field for inventive skill. An interesting feature was the display of mats and imitation Panama hats, some of these latter being more beautiful and dearer than the real Panama hats. The Philippine Islands had a splendid section devoted to Panama hats. This industry is also assuming large dimensions in Java. In the neighbourhood of Batavia hats were manufactured and exported to the value of some £25,000 in 1910. The ramie fibres on view were excellent in appearance, but they have not the elasticity requisite for spinning purposes, and consequently in this connection they fall far short of cotton. In the deliberations of the Congress kapok played the most important part. Javanese kapok enjoys a good reputation, partly owing to the suitability of the climate for its cultivation, and partly owing to the way it is worked up there into mattresses, cushions, life belts, &c. The weight of the fibre is very light. Spinning tests have also given good results.

AGRICULTURAL & FOREST PRODUCTS.

UNITED KINGDOM.

Corn Prices.

The prices of British corn per quarter of 8 bushels, as received from the Inspectors of Corn Returns, in the week ended 23rd December, 1911, were as follows:—

Wheat	32*s.*	9*d.*
Barley	33*s.*	5*d.*
Oats	20*s.*	8*d.*

For further particulars see p. 672.

Cotton Statistics.

The number of bales of cotton **imported** into the United Kingdom during the week ended 21st December, 1911, was 135,408 (including 186 bales British West Indian, 70 bales British West African, and 165 bales British East African), and the number imported during the fifty-one weeks ended 21st December was 4,181,577 (including 9,561 bales British West Indian, 5,601 bales British West African, 26,480 bales British East African, and 260 bales foreign East African). The number of bales **exported** during the week ended 21st December was 12,753, and during the fifty-one weeks, 398,748.

For further details see p. 672.

NEW ZEALAND.

Agricultural Conditions in Dunedin District.

The Imperial Trade Correspondent at Dunedin (Mr. W. T. Monkman) reports, under date 15th November, that the excellent agricultural and pastoral prospects in that district are being fully maintained. Good rains have been general throughout Otago and Southland, and as a result the whole country presents a better appearance than at any time during the past three years. In North Otago, where there has been a succession of dry seasons, there is a very large acreage under crop, while in Southland the area under cultivation has been considerably extended. **Stock** has done very well, and the **lambing** has reached a high percentage. The **wool clip** is expected to be heavy and the quality good. The **dairying** industry continues to expand, and its prospects are exceptionally favourable. (29,310.)

SOUTH AFRICA.

Government Inspection of Fruit for Exportation at Capetown.

With reference to the notice on p. 38 of the "Board of Trade Journal" of 5th January, 1911, relative to Government inspection of fruit for exportation from Cape Colony, the Cape "Provincial Gazette" of 24th November announces that the Government will continue the system of inspection at the Capetown Docks, under conditions differing but slightly from those previously in force. Under the new conditions a third grade is established for apricots measuring between 1⅞ and 2 ins.; further, the stamp branded upon the boxes containing fruit passed will in future be the arms of the Union of South Africa and not of the Cape of Good Hope.

The conditions may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (X. 4,103.)

Agricultural and Forest Products.

UGANDA.

Cotton Purchasing Rules.

The "Official Gazette" of 15th November contains the text of the Uganda Cotton Purchasing Rules No. 2, 1911, made under the Uganda Cotton Ordinances. It is provided that from 1st January, 1912, only two qualities of cotton shall be bought or sold in the Uganda Protectorate, one including only clean and unstained cotton, and the other only dirty and stained cotton; no mixture of the two may be dealt in.

The "Gazette" may be seen at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C.

(X. 5,389.)

RUSSIA.

Agricultural Co-operative Society for Baltic Provinces.

H.M. Consul at Riga (Mr. V. H. C. Bosanquet) reports that, according to the local press, a society is to be formed, under the name of the "Nordisch-Baltische Zentrale Oekonomische Gesellschaft," for the co-operative purchase and sale of all articles required for agricultural and household purposes, as well as for the co-operative preparation for the market and disposal therein of agricultural and horticultural products, and the products connected with the raising of livestock and with home industries. The society's sphere of operations is to cover the Provinces of Livonia, Esthonia, St. Petersburg and Pskov.

(C. 10,074.)

Tobacco Cultivation.

The "Nachrichten für Handel" (Berlin) of 13th December publishes the following results of tobacco growing in Russia during 1908, 1909, and 1910:—

—	1908.	1909.	1910.
Total area under cultivation	Dessiatines. 63,023	Dessiatines. 60,257	Dessiatines. 66,850
Crop—	Pouds.	Pouds.	Pouds.
Higher grades	2,009,823	2,089,893	2,603,088
Lower grades	3,748,471	3,653,711	2,796,791
Total crop ...	5,758,294	5,743,604	5,399,879
Average per dessiatine ... Pouds	91	95	81

Dessiatine = 2·7 acres; 1,000 pouds = 16 tons (about).

Compared with 1909 the total yield of tobacco in 1910 was 6 per cent. less; the higher grades increased by 25 per cent., but the lower grades decreased by 23 per cent. The principal centres of production were Kuban 984,831 pouds, Chernigov 752,972 pouds, Poltava 668,160 pouds, Tambov 649,550 pouds, Suchum 544,240 pouds.

Agricultural and Forest Products.

RUSSIA (POLAND).

Crop Results for 1911.

H.M. Consul at Warsaw (Mr. C. Clive Bayley) has furnished a report on the crops in Poland and Grodno for 1911.

This report may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (28,768.)

FRANCE.

Agriculture in Ille et Vilaine in 1911.

H.M. Vice-Consul at St. Malo (Hon. E. Henniker Major) has furnished a report on agriculture in 1911 in the Department of Ille et Vilaine. This report may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (28,765.)

JAPAN.

Loofah Crop.

The British Acting Vice-Consul at Yokohama (Mr. R. Boulter) reports, under date 15th November, that the loofah crop of Japan this year amounts to about 20,000,000 pieces, as compared with an estimated total for last year of 13,000,000 pieces. A stock of 2,000,000 pieces remains over from last year. Owing partly to increased production and partly to the bad quality of the loofahs grown, the prices, so far, are considerably lower than those paid last year. The market cannot yet be regarded as being in anything like a settled condition. The marked increase over last year's crop appears to be due to a considerable extension of the districts of cultivation, which was in turn caused by the satisfactory results obtained during the two previous years.

The inferior quality of the crop is partly accounted for by the failure of the plants in Inshu, which is the main centre of production. Owing to wind and rain, only some 2,000,000 pieces out of 10,000,000 pieces produced in this district are of use. (28,027.)

BRAZIL.

Law for Encouragement of Rubber Cultivation in Pará.

Adverting to the notice on p. 635 of the "Board of Trade Journal" of 22nd June, 1911, relative to Laws in the State of Pará for the protection and extension of the rubber industry, H.M. Consul at Pará (Mr. G. A. Pogson) reports the enactment of a further Law (No. 1,214, dated 4th November), providing for the grant of concessions to national and foreign companies registered in the State for the cultivation of rubber (*Hevea Braziliensis*), cacao, nuts, &c.

The privileges offered include grants of public lands up to 200,000 hectares (about 494,000 acres); reduction of the export duties and State dues upon the rubber, &c. produced by 50 per cent. during the first ten years from the date of the first shipment, decreasing by 10 per cent. for each ten-yearly period up to fifty years; reduction of

State railway rates and of the freight charges of steamship lines subventioned by the State; waiving for ten years of the industrial and professional State and Municipal imposts upon the company's premises.

The concessionaire companies will be obliged, among other things, to plant not less than 50,000 rubber trees during the first five years of the concession, and 20,000 trees annually after that period; to comply, as regards their produce, with the instructions of the Department of Agriculture; and to concede to the Government the supervision of the whole activity of the companies. In case of failure to plant a minimum of 50,000 rubber trees within the first five years, the concession will become void.

The State Government will try to obtain from the Federal Government, on behalf of the concessionaires, a suspension of taxation as regards the importation of machinery and anything else required for the preparation and cultivation of the soil.

H.M. Consul suggests that British investors proposing to interest themselves in companies formed to obtain concessions under this Law might first of all put themselves in communication with the British Consulate at Pará.

The text and a translation of the Law may be seen by British traders at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (C. 10,082.)

MISCELLANEOUS.

NORWAY.

Water Power.

According to the "Nachrichten für Handel" (Berlin) of 1st December, 490,000 horse power is the total water power now being used in Norway, and work is proceeding for the utilisation of a further 430,000 horse power. Several of the large undertakings, for which concessions have been granted during the last few years, are now nearing completion. At Samnanger, where the hydro-electric works are designed to supply Bergen with electric light, the most important part of the scheme is completed, and the work at Lake Tyin was recently commenced. Operations will shortly be begun on the Maarsvand and Totak, which are intended to complete the scheme of hydraulic works in the Telemarken province. The important works at Matre and Kinsaa in the Hardanger district have not yet been put in hand. In addition to the work in hand, the Public Works Department have applications for concessions involving a further 200,000 horse power, of which four of the largest are for utilising the Selbusjö, Rands Fjord, the Nidelv at Arendal, and the Otteraa at Christiansand. The last-mentioned schemes are to be discussed at the next meeting of the Storthing.

Miscellaneous.

MOROCCO.

Trade at Moorish Ports in 1910.

H.M. Consul-General at Tangier (Mr. H. E. White, C.M.G.) has forwarded a copy of the returns of trade at Moorish ports in 1910, from which the following statement showing the values of the imports and exports (exclusive of specie) from and to the principal countries has been extracted. The figures for the year 1909 have been added for purposes of comparison:—

Country.	Imports.		Exports.	
	1909.	1910.	1909.	1910.
	£	£	£	£
United Kingdom and Gibraltar ...	1,294,000	973,000	799,000	413,000
France and Algeria	1,040,000	926,000	327,000	348,000
Germany	204,000	286,000	339,000	380,000
Spain	46,000	60,000	212,000	311,000
Other countries	226,000	223,000	131,000	123,000
Total (by sea)	2,810,000	2,468,000	1,808,000	1,575,000
Algeria (by land)	392,000	408,000	295,000	566,000

H.M. Consul-General remarks that the decrease in the value of articles imported from the United Kingdom is due partly to considerable stocks remaining over in the hands of merchants from the previous year, and partly to the goods being valued at lower prices than in the returns for 1909, where official unit values were taken, whereas for the year 1910 the declared values, on which certain duties were assessed, are given.

It should be noted that the above statement is exclusive of the trade at the port of Melilla. H.M. Consul-General, in his report for 1909, stated that the trade by Melilla was likely to expand when markets were opened in the hinterland of that town. This trade route for the northern and eastern districts of Morocco is worth the serious attention of British exporters. The value of the imports at Melilla in 1909 was £597,000, and of the exports £25,000.

The returns of trade (in French) forwarded by H.M. Consul-General may be seen by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (26,729.)

SANTO DOMINGO.

License Fees for various Trades.

The "Gaceta Oficial" (Santo Domingo) of 21st October publishes a reprint of the Law fixing a scale of license fees for various professions and trades in the Republic. A copy of the "Gaceta" (in Spanish) may be consulted by British firms at the Commercial Intelligence Branch of the Board of Trade, 73, Basinghall Street, London, E.C. (27,848.)

GOVERNMENT PUBLICATIONS.*

TRADE RETURNS OF THE UNITED KINGDOM.

The monthly Accounts relating to the Trade and Navigation of the United Kingdom for the month of November, 1911, have been published. The accounts, which are issued on the 7th or 8th of each month, may be purchased* at a cost, in the present instance, of 1*s.* 4*d.* per copy.

Attention is further called to the fact that two volumes of the "Annual Statement of the Trade of the United Kingdom with Foreign Countries and British Possessions" for the year 1910 have been issued, and may be purchased* at a cost of 5*s.* 2*d.* for the first volume, and 3*s.* 3*d.* for the second volume. This publication, which contains much more detailed and exhaustive information than can be given in the Monthly Accounts, gives in the first volume abstract tables for the years 1906–1910, and detailed statements of imports and exports of each article consigned from and to each country, and in the second volume details as to Customs revenue, transhipments and articles in bond, with particulars of the trade of the United Kingdom with each foreign country and British Possession, and of the trade at each port of the United Kingdom.

The third volume will contain a classification on the basis followed in Volumes I. and II. of the "Annual Statement" for 1908 and earlier years.

It may be noted that beginning with the issues for 1909 the figures of Volumes I. and II. relate to the countries of *consignment* for imports, and countries of final destination, so far as known, for exports. A supplementary volume will continue to be issued, in which particulars will be given, as mentioned above, on the same basis as those published (up to the year 1908) in the first two volumes. By this means it will be possible to trace the details of the differences resulting from the change of system for a further limited period.

BOARD OF TRADE LABOUR GAZETTE.

The "Board of Trade Labour Gazette"* is published (price 1*d.*) by the Board of Trade about the 16th of each month. The following are among the more important articles which appear in the December issue:—State of the Labour Market in November; New Law relating to the Employment of Young Persons and Women in Holland; Mines and Quarries in 1910; Trade Unions in the United States and Canada; Distress Committees in England and Wales, 1910–11; State Subventions of Unemployed Benefit Funds in France in 1910; New Spanish Housing Law.

OTHER GOVERNMENT PUBLICATIONS.

Coal Tables, 1910. *H.C.* 284. *Price* 6*d.*

This return, which has been prepared in the Board of Trade, contains statistical tables relating to the production, consumption, and imports and exports of coal in the British Empire and the principal foreign countries in each year from 1886 to 1910, as far as the particulars can be stated; together with statements showing the production of lignite and petroleum in the principal producing countries for a series of years (in continuation of Parliamentary Paper, No. 271, of Session, 1910). (See article on pp. 639–641.)

Morocco. No. 4 (1911). *Franco-Spanish Declaration and Convention respecting Morocco* (*signed at Paris, 3rd October*, 1904). *Exchange of Notes between Great Britain and France, 6th October*, 1904. *Franco-German Declaration respecting Morocco* (*signed at Berlin, 8th February*, 1909). *Franco-German Convention and Exchange of Notes respecting Morocco* (*signed at Berlin, 4th November*, 1911). [*Cd.* 6,010.] *Price* 2½*d.*

* Copies of Government publications may be purchased either directly or through any bookseller, from Wyman & Sons, Ltd., Fetter Lane, London, E.C.; or Oliver & Boyd, Tweeddale Court, Edinburgh; or E. Ponsonby, Ltd., 116, Grafton Street, Dublin.

Government Publications.

FOREIGN OFFICE REPORTS.

THE following Reports of H.M. Diplomatic and Consular Officers which have been issued in the Annual and Miscellaneous Series since the 1st January, 1911, may be obtained, either directly or through any bookseller, from Wyman & Sons, Ltd., Fetter Lane, London, E.C.; in Scotland, from Oliver & Boyd, Tweeddale Court, Edinburgh; and in Ireland, from E. Ponsonby, Ltd., 116, Grafton Street, Dublin:—

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666	Mauritius, 1909...	3½*d.*
667	British Honduras, 1909...	3*d.*
668	St. Vincent, 1909-10	3*d.*
669	East Africa Protectorate, 1909-10	10*d.*
670	Uganda, 1909-10...	4½*d.*
671	British Guiana, 1909–10	3½*d.*
672	St. Lucia, 1909	2½*d.*
673	Leeward Islands, 1909-10	4½*d.*
674	Northern Nigeria, 1909...	4*d.*
675	St. Helena, 1910	3*d.*
676	Gibraltar, 1910	2*d.*
677	Basutoland, 1909-10	1*d.*
678	Weihaiwei	2½*d.*
679	Gambia, 1910	8*d.*
680	Ashanti, 1910	2½*d.*
681	Turks and Caicos Islands, 1910	1*d.*
682	Falkland Islands, 1910...	2*d.*
683	Gold Coast—Northern Territories, 1910	3½*d.*
684	Bahamas, 1910-11	3½*d.*
685	Colonial Survey Committee's Annual Report, 1910-11	1*s.* 6*d.*
686	Malta, 1910-11	6*d.*
687	Imperial Institute—Report for 1910...	2½*d.*
688	Gold Coast, 1910...	3½*d.*
689	Fiji, 1910...	2½*d.*
690	Somaliland, 1910-11	1½*d.*
—	Cyprus, 1910-11	4½*d.*
691	Hong Kong, 1910	4*d.*
692	Nyasaland, 1910-11	4½*d.*
693	Seychelles, 1910	4½*d.*
694	Sierra Leone, 1910	5*d.*
695	Southern Nigeria, 1910	4½*d.*
696	Bechuanaland Protectorate, 1910–11	1*d.*
697	Swaziland, 1910-11	1*d.*
698	Barbados, 1910-11	2½*d.*
699	Trinidad and Tobago, 1910-11	11*d.*
700	Mauritius, 1910...	3½*d.*
	Miscellaneous—	
75	West Indies: The Imperial Department of Agriculture	1½*d.*
76	Southern Nigeria: Report on the Results of the Mineral Survey, 1907-8	½*d.*
77	St. Vincent: Roads and Land Settlement Fund	3*d.*
78	Weihaiwei: Report on the Census, 1911	1½*d.*
79	Northern Nigeria: Report on the Results of the Mineral Survey 1907-8, and 1908-9	2½*d.*
80	Nyasaland: Report on the Results of the Mineral Survey, 1908-9	2*d.*
81	Southern Nigeria: Report on the Results of the Mineral Survey, 1908-9	2½*d.*

FOREIGN & COLONIAL PUBLICATIONS.

The following is a list of the more important Articles on trade subjects contained in the Foreign and Colonial Publications received and filed for reference at the Commercial Intelligence Branch of the Board of Trade during the week ended 23rd December, 1911, and which are open to inspection in the Reading Room of the Branch at 73, Basinghall Street, London, E.C.:—

NEWSPAPERS AND PERIODICALS.

Agricultural, Dairy, and Forest Products.

Timber Trade of Vladivostok in 1910.
German Consular Report, October.

Agriculture in Roumania in 1910.
German Consular Report, October.

Tobacco Trade of Maryland (U.S.) in 1910.
German Consular Report, October.

Fruit Exports from British South Africa.
"*Recueil Consulaire*" (Brussels). Vol. 154, No. 4.

Collection and Preparation of Rubber of *Ficus Elastica*.
"*Tropenpflanzer*" (Berlin), December.

Cuban Soils: Report of Examination of.
"*Tropenpflanzer*" (Berlin), December.

Cattle-breeding in Bulgaria.
Austrian Consular Report.

Sugar from the Nipa Palm (Philippines).
"*Daily Consular Reports*" (Washington), 4th Dec.

Banana Cultivation in Honduras.
"*Daily Consular Reports*" (Washington), 5th Dec.

Balata Exports from British Guiana: Regulations for.
"*Daily Argosy*" (Georgetown), 24th Nov. (X. 5,340.)

General Crop Results in Russia.
"*Frankfurter Zeitung*," 13th Dec. (X. 1,272.)

Wine Production of Tunis in 1910.
Austrian Consular Report.

Olive Crop in Tunis in 1910.
Austrian Consular Report.

Machinery, Hardware and Engineering.

Machinery Trade in Egypt in 1910.
German Consular Report, October.

Hardware Trade in Bulgaria.
Austrian Consular Report.

Embankment Works on the Lower Colorado River (U.S.).
"*Engineering News*" (New York), 7th Dec.

Electric Motor-Truck Crane.
"*Engineering News*" (New York), 7th Dec.

Mining and Minerals.

Mineral Industry of Huelva (Spain) in 1910.
French Consular Report, No. 967.

Iron and Steel Trade of Essen-Ruhr (Germany) in 1910.
Netherlands Consular Report, No. 12.

Coal Trade of Bulgaria.
Austrian Consular Report.

Mining and Minerals—*continued.*

Pig Iron Production in the United States during November.
"*Iron Age*" (New York), 7th Dec.

Tool Steel: Manufacture and Treatment.
"*Iron Age*" (New York), 7th Dec.

Potash Deposits in the United States.
"*Engineering and Mining Journal*" (New York), 9th Dec.

Placer Mining in Colombia.
"*Engineering and Mining Journal*" (New York), 9th Dec.

Coal Market in Ruhr District (Germany).
"*Börsen-Zeitung*" (Berlin), 10th Dec. (X. 5,012.)

Iron and Coal Market in Belgium.
"*Börsen-Zeitung*" (Berlin), 12th Dec. (X. 409.)

Steel Works Union (Germany): Production of "A" Goods in November.
"*Börsen-Zeitung*" (Berlin), 13th Dec. (X. 5,032.)

Heat Analysis in Smelting Processes (Second article).
"*Stahl und Eisen*" (Düsseldorf), 14th Dec.

Iron Market of Upper Silesia.
"*Börsen-Zeitung*" (Berlin), 14th Dec. (X. 5,029.)

Asbestos Deposits in China.
"*Weekly Press*" (Hong Kong), 6th Nov. (X. 862.)

Gold Mining in British Guiana.
"*Daily Argosy*" (Georgetown), 12th Nov. (X. 4,231.)

Mineral Industry of Tunis in 1910.
Austrian Consular Report.

Shipping, Railways and Transport.

Harbour Improvements at Havre.
German Consular Report, October.

Harbour Facilities at Huelva (Spain).
French Consular Report, No. 967.

Merchant Marine of Scandinavia.
"*L'Economiste Français*" (Paris), 16th Dec.

Shipping Trade of Australian Commonwealth.
"*Berichte über Handel*" (Berlin), 17th Nov.

Textiles and Textile Materials.

Textile Industries of Brünn (Austria) in 1910.
German Consular Report, October.

Aloe-Fibre Industry in Mauritius.
"*Recueil Consulaire*" (Brussels), Vol. 154, Part 4.

Foreign and Colonial Publications.

NEWSPAPERS AND PERIODICALS—*continued.*

Textiles and Textile Materials—(*continued*).

Textile Trade in Chile in 1910.
French Consular Report, No 968.

Silk Cultivation in Bulgaria.
Austrian Consular Report.

Cotton Goods Trade in Bulgaria.
Austrian Consular Report.

Cotton Cultivation in Sind (India).
"*Times of India*" (Bombay), 25th Nov. (X. 3,829.)

Silk Market: International.
"*Börsen-Zeitung*" (Berlin), 11th Dec. (X. 5,055.)

Textile Market in France.
"*Börsen-Zeitung*" (Berlin), 12th Dec. (X. 5,004.)

Habutae Silk Trade of Yokohama.
Austrian Consular Report.

Cotton Mills of Bombay: Brighter Prospects.
"*Indian Textile Journal*" (Bombay), October. (X. 5,334.)

Carpet Making in Tunis.
Austrian Consular Report.

Commercial, Financial and Economic.

Ecuador: Imports and Exports in 1909.
German Consular Report, November.

Mozambique: Trade in 1910.
"*Recueil Consulaire*" (Brussels), Vol. 154, Part 4.

Chile: Trade and Industries in 1910.
French Consular Report, No. 968.

Germany: Trade of Lubeck in 1910.
Netherlands Consular Report, No. 12.

Egypt: Foreign Trade in 1910.
"*Meddelelser* (Christiania), 9th Dec.

China: Trade of Shanghai in 1910.
"*Daily Consular Reports*" (Washington), 6th Dec.

Germany: Results of Census.
"*L'Economiste Français*" (Paris), 16th Dec.

Commercial, Financial and Economic—*cont*

Australian Commonwealth: Foreign Trade in 1910.
"*Berichte über Handel*" (Berlin), 17th Nov.

Japan: Trade and Industries of Yokohama in 1910.
Austrian Consular Report.

Russia: Trade of Reval in 1910.
Austrian Consular Report.

Ecuador: Amendment of Company Law.
"*Registro Oficial*" (Quito), 30th Sept. (X. 5,504.)

Miscellaneous.

Fisheries of Vladivostok.
German Consular Report, October.

Furniture Trade in Egypt in 1910.
German Consular Report, October.

Ostrich Feather Industry in British South Africa.
"*Recueil Consulaire*" (Brussels), Vol. 154, No. 4.

Chemical Trade of Essen-Ruhr (Germany).
Netherlands Consular Report, No. 12.

Herring Trade of Stettin (Germany) in 1910.
Netherlands Consular Report, No. 12.

Cocaine Manufacture in Peru.
"*Tropenpflanzer*" (Berlin), December

Paper Trade of Bulgaria in 1910.
Austrian Consular Report.

Chemical Industries of Norway.
"*Daily Consular Reports*" (Washington), 20th Nov. (X. 5,500.)

Postal Regulations, new, of Venezuela.
"*Daily Consular Reports*" (Washington), 6th Dec.

Wallpaper Trade in Germany.
"*Frankfurter Zeitung*," 12th Dec. (X. 1,475.)

Fishing Industry of Tunis.
Austrian Consular Report.

OTHER PUBLICATIONS RECEIVED.

British India—
Seaborne Trade and Navigation, 1910-11.
Internal Trade of Punjab by Rail and River, 1910-11.

Canada—Summary Report of Mines Branch, 1910.

Australia—
South Australia:
Report of Railways Commission, 1910-11.
Summary of Estimated Revenue and Expenditure, 1911-12.
Statistical Register, 1910. Part IV—Interchange.
Victoria: Statistical Register, 1910. Part IV—Accumulation.

Jamaica—Report of Royal Jamaica Society of Agriculture and Commerce, 1910-11.

British Guiana—Gold, Diamond and Forest Industries, 1910-11.

Mauritius—Blue Book, 1910.

Aden—Returns of Trade and Navigation 1910-11.

Cyprus—Report of Director of Agriculture, 1910-11.

Russia—Annals of the Moscow Agronomic Institute, 1911 (in French).

Netherlands—Railways and Harbours, 1910-11 (in Dutch).

Belgium—Mechanical Construction in connection with the Building Industries (in French). Vol. I, General; Vol. II, Structural Metalwork, Boilers, Piping, Cocks and Valves.

Italy—Description of some principa Metallurgical Works.

STATISTICAL TABLES.

Cotton Returns.

Return of the **Number** of **Bales** of **Cotton Imported** and **Exported** at the **Various Ports** of the **United Kingdom** during the week and 51 weeks ended 21st December, 1911 :—

—	Week ended 21st Dec., 1911.	51 Weeks ended 21st Dec., 1911.	Week ended 21st Dec., 1911.	51 Weeks ended 21st Dec., 1911.
	IMPORTS.		EXPORTS.	
	Bales.	Bales.	Bales.	Bales.
American	111,650	3,304,191	8,598	239,431
Brazilian	6,052	105,250	334	10,288
East Indian	35	129,169	—	21,278
Egyptian	16,841	479,535	3,801	123,051
Miscellaneous	830*	163,432†	20	4,700
Total	135,408	4,181,577	12,753	398,748

* Including 186 bales British West Indian, 70 bales British West African, and 165 bales British East African.

† Including 9,561 bales British West Indian, 5,601 bales British West African, 26,480 bales British East African, and 260 bales foreign East African.

NOTE.—Cotton "in transit" or "for transhipment under bond," *if described as such in the ships' reports*, was not included in this return prior to 3rd November, 1911, *but has been included since that date.*

Corn Prices.

Statement showing the **Average Price** of **British Corn**, per quarter of 8 bushels Imperial Measure,* as received from the Inspectors of Corn Returns in the week ended 23rd December, 1911, and corresponding weeks of the seven previous years pursuant to the Corn Returns Act, 1882.

—	Average Price.		
	Wheat.	Barley.	Oats.
	s. d.	*s. d.*	*s. d.*
Week ended 23rd December, 1911	32 9	33 5	20 8
Corresponding Week in—			
1904	30 4	24 8	16 2
1905	28 3	24 7	18 1
1906	26 0	24 1	17 3
1907	34 6	26 10	18 0
1908	32 2	26 8	17 2
1909	33 1	25 2	17 4
1910	30 7	23 10	16 9

* Section 8 of the Corn Returns Act, 1882, provides that where returns of purchases of British Corn are made to the local Inspector of Corn Returns in any other measure than the Imperial bushel or by weight or by a weighed measure that officer shall convert such returns into the Imperial bushel, and in the case of weight or weighed measure the conversion is to be made at the rate of sixty Imperial pounds for every bushel of wheat, fifty Imperial pounds for every bushel of barley, and thirty-nine Imperial pounds for every bushel of oats.

Confidential Information as to Openings Abroad for British Trade, &c.

The arrangement inaugurated on 1st January, 1907, whereby the names of British firms desirous of receiving confidential information as to opportunities for the extension abroad of those branches of trade in which they are specially interested, and as to other connected matters, are placed on a special Register at the Commercial Intelligence Branch of the Board of Trade, has met with widespread approval, as evidenced by the steady increase in the number of names so registered. Formerly no charge was made for admission to the Register, the only requirement being subscription to the "Board of Trade Journal." The great increase in the number of names inscribed, and in the amount of information distributed, having rendered it necessary to make a small charge for the service, firms desirous of utilising this source of information are now (since 1st April, 1910) required to pay an annual fee of one guinea to the Accountant General, Board of Trade, Whitehall Gardens, London, S.W., for the service, *including the supply of the "Board of Trade Journal,"* instead of merely subscribing to the "Journal," as previously, through the Government Sale Agents. British firms who wish to have their names registered should apply in writing to the Director, Commercial Intelligence Branch, 73, Basinghall Street, London, E.C., for the necessary form of application.

Admission to the Register and retention upon it will be, as heretofore, at the discretion of the Board of Trade.

The confidential information which is communicated to firms upon the register is received from His Majesty's Consular Officers in Foreign Countries, from His Majesty's Trade Commissioners and the Imperial Trade Correspondents in the British Dominions, and from other sources available to the Commercial Intelligence Branch.

It may be stated that confidential information thus received relates mainly to openings for British trade abroad, and is communicated to firms on the Register in Circular letters. During 1910, 1,130 such Circular letters were prepared, and copies (totalling 74,203) were despatched to firms on the Register interested in the trades to which the Circular letters respectively related, as compared with 1,104 Circular letters and copies totalling 51,816 sent out in 1909.

NOTE.—Apart from the Special Register arrangements referred to above, the Commercial Intelligence Branch is always ready to answer enquiries on specific subjects, as far as possible, in the interests of British trade (see below).

Commercial Intelligence Branch of the Board of Trade.

The Intelligence Branch of the Commercial Department of the Board of Trade (73, Basinghall Street, London, E.C.) is intended to be a centre at which information on all subjects of commercial interest shall be collected and classified in a form convenient for reference, and at which, so far as the interests of British trade permit, replies shall be given to enquiries by traders on commercial matters. On application being made to it either personally or by letter, the Branch supplies,

COMMERCIAL INTELLIGENCE BRANCH OF THE BOARD OF TRADE—*cont.*

so far as is possible, information with regard to the following subjects, viz.: Commercial Statistics; Matters relating to Foreign and Colonial Tariffs and Customs Regulations; Lists of Firms Abroad engaged in particular lines of business in different localities; Foreign and Colonial Contracts open to Tender; Sources of Supply, Prices, &c., of Trade Products; Forms of Certificates of Origin; Regulations concerning Commercial Travellers, &c., &c.

There is a Sample Room at the offices of the Branch, where, in addition to samples illustrative of reports of H.M. Consuls or of the Correspondents or Special Commissioners of the Board of Trade, specimens of special interest that may be received from India, the Colonies, &c., are exhibited from time to time.

The "Board of Trade Journal" is the principal medium through which intelligence collected by the Commercial Intelligence Branch, and intended for general information, is conveyed to the public. The "Journal" is issued weekly at the price of 3*d.*, the annual rate, inclusive of postage within the United Kingdom, being 15*s.* 2*d.* All applications respecting subscription, or the purchase of single copies, should be addressed in London to Messrs. Wyman & Sons, Ltd., Fetter Lane, E.C.; in Edinburgh to Messrs. Oliver and Boyd, Tweeddale Court; and in Dublin to Messrs. E. Ponsonby, Ltd., 116, Grafton Street.

All communications intended for the Commercial Intelligence Branch of the Board of Trade should be addressed to: *The Director, Commercial Intelligence Branch, Board of Trade, 73, Basinghall Street, London, E.C.*

Trade Enquiry Offices of the Self-Governing Dominions.*

Trade Enquiry Offices are maintained in London at the following addresses by the Governments indicated, viz.:—

Dominion of Canada ...	17, Victoria Street, S.W. (Branch Office: 73, Basinghall Street, E.C.).
Commonwealth of Australia	72, Victoria Street, S.W.
New South Wales ...	123-5, Cannon Street, E.C.
Victoria	Melbourne Place, Strand, W.C.
Queensland ...	409, West Strand, W.C.
South Australia ...	85, Gracechurch Street, E.C.
Western Australia...	15, Victoria Street, S.W.
Tasmania	5, Victoria Street, S.W.
Dominion of New Zealand	13, Victoria Street, S.W.
Union of South Africa ...	Trades Commissioner, 32, Victoria Street, S.W.

* Trade enquiries in regard to **Rhodesia** may be made at the office of the British South Africa Co., 2, London Wall Buildings, E.C.

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Edited by the Commercial Department of the Board of Trade.

DECEMBER 28, 1911.

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* *For list of principal publications of Board of Trade see p.* i. *of Advertisements.*

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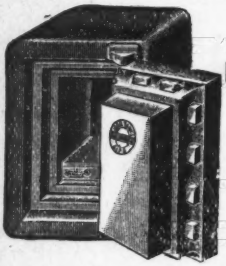

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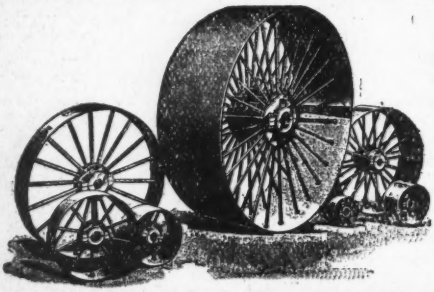

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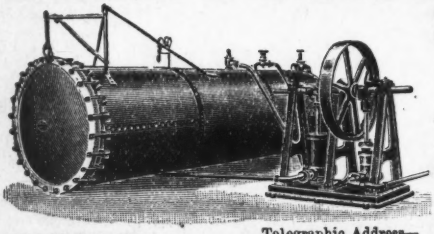

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OLIVER & BOYD, TWEEDDALE COURT, EDINBURGH; or
E. PONSONBY, LTD., 116, GRAFTON STREET, DUBLIN.

I.—ANNUAL PUBLICATIONS :—

Annual Statement of the Foreign Trade of the United Kingdom, 1910. Vol. I. [Cd. 5699/11.] Price 5s. 2d. Vol. II. [Cd. 5852/11.] Price 3s. 3d. Supplement to Vols. I. and II., 1909. [Cd. 5305/11.] Price 3s. 1d.
Annual Statement of the Navigation and Shipping of the United Kingdom for the Year 1910. [Cd. 5840/11.] Price 3s. 1d.
Bankruptcy. Report for the Year 1910. [H.C. 282/11.] Price 7d.
Coal exported—prices of. [H.C. 175/11.] Price 2½d.
Coal Shipments, 1909 and 1910. [Cd. 5647/11.] Price 5½d.
Coal Tables.—Statistical Tables relating to Coal and Petroleum Production in the World, 1886-1910. [H.C. 284/11.] Price 6d.
Colonial Import Duties Return, 1911. [Cd. 5926/11.] Price 3s.
Companies. Twentieth Annual Report, 1910. [H.C. 216/11.] Price 1s. 6d.
Consular Reports Index, 1910. [Cd. 5586/11.] Price 5½d.
Emigration and Immigration—Statistical Tables and Report, 1910. [H.C. 180/11.] Price 4½d.
Foreign Import Duties, 1910. [Cd. 5297/10.] Price 4s.
Imports and Exports, 1900-09, at prices of 1900. [Cd. 5160/10.] Price 2½d.
Iron and Steel, 1910. Memorandum and Statistical Tables. [H.C. 283/11.] Price 7d.
Labour Statistics of the United Kingdom, 1908-09. [Cd. 5458/11.] Price 1s, 4d.
Life Assurance Companies' Return, 1910. [H.C. 307/11.] Price 3s. 10d.
Merchant Shipping, 1908.—Tables showing the Progress of Merchant Shipping in the United Kingdom and the principal Maritime Countries, 1908. [H.C. 167/10.] Price 8½d.
Patent Office.—Report for the Year 1910. [H.C. 95/11.] Price 2d.
Railway Returns of the United Kingdom for the Year 1910. [Cd. 5796/11.] Price 1s. 3d.
Statistical Abstract for the United Kingdom. 1896-1910. [Cd. 5841/11.] Price 1s. 9d.
Statistical Abstract for the British Empire. 1895-1909. [Cd. 5552/11.] Price 1s. 3d.
Statistical Abstract for the Colonies. 1895-1909. [Cd. 5420/11.] Price 1s. 10d.
Statistical Abstract for Foreign Countries. 1898 to 1908-09. [Cd. 5446/11.] Price 1s. 9d.
Statistical Tables relating to British Self-Governing Dominions, Crown Colonies, Possessions and Protectorates. Part XXXIV. 1909. [Cd. 5906/11.] Price 6s. 6d.
Strikes and Lock-outs, and Conciliation and Arbitration Boards in the United Kingdom in 1910. [Cd. 5850/11.] Price 6½d.
Wages and Hours of Labour, changes in 1910. [Cd. 5849/11.] Price 6d.
Weights and Measures. Report for 1910. [H.C. 81/11.] Price 7½d.

II.—MONTHLY PUBLICATIONS :—

Board of Trade Labour Gazette. Price 1d.
Trade and Commerce of certain Foreign Countries and British Possessions. [H.C. 84-IX.] Price 4½d.
Trade and Navigation of the United Kingdom. November, 1911. [H.C. I. X.] Price 1s. 4d.

III.—WEEKLY PUBLICATION :—

Board of Trade Journal. Price 3d.

IV.—OCCASIONAL PUBLICATIONS :—

Alcoholic Beverages, 1909. [H.C. 319/11.] Price 8d.
Australia.—Report on the Conditions and Prospects of British Trade. [Cd. 3639/07.] Price 11d.
British and Foreign Trade and Industry. Memoranda, Statistical Tables and Charts. 1st Series [Cd. 1761/1903.] Price 3s. 6d. 2nd Series [Cd. 2337/04.] Price 3s. 6d. Index to the two vols. [Cd. 2669/05.] Price 6d. Supplementary Return. [H.C. 190/07.] Price 1d. Statistical Tables and Charts, 1854/1908. [Cd. 4954/09.] Price 5s. 2d.
British Dominions: Reports by H.M. Trade Commissioners for the year 1910. [Cd. 5674/11.] Price 6d.
Canada;
Return showing Imports from the United Kingdom of articles included in proposed Reciprocity Agreement, and rates of duty, &c. [H.C. 130/11.] Price 2½d.
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All particulars may be obtained on application to the Borough Surveyor, Mr. Harley Heckford, A.M.I.C.E., at the Council Offices, and forms of tender and specifications, except for purchase of Scrap Iron and Old Dust Pails, will be supplied on payment of a deposit of One Guinea in cash, which will be refunded on receipt of a bona-fide tender and the return of all documents.

Samples may be inspected by arrangement.

Sealed tenders, with inscription showing the work tendered for, to be delivered to the undersigned on or before noon on Monday, 22nd January, 1912.

The Committee do not bind themselves to accept the lowest or any tender.

LEONARD POTTS,
Town Clerk.

Council Offices, High Street, Poplar.
13th December, 1911.

Melksham Urban District Council.
Works of Sewage Disposal.

The Melksham Urban District Council are prepared to receive Tenders for the Construction of Disposal Works, consisting of Balancing Tanks, Storm-Water Tanks, Dortmund Tanks, Filters, Pumping Station, and various other works.

Conditions, specifications, quantities, and form of tender may be obtained from the Engineer, Mr. A. E. Adams, M.I.C.E.I., A.M.I.M.E., High Street, Chippenham, Wilts, on payment of the sum of £3 3s., which will be returned on the receipt of a bona-fide tender, and of the conditions, specifications, and priced quantities.

The drawings may be seen at the Engineer's Office during usual office hours.

Sealed tenders, upon the forms supplied, to be sent in, addressed to A. G. Smith, Esq., the Clerk to the Urban District Council, Melksham, not later than Ten o'clock in the morning of Saturday, the Thirteenth day of January, 1912, and endorsed "Tender for Melksham Sewage Disposal Works."

The Council do not bind themselves to accept the lowest or any tender.

A. G. SMITH, Solicitor,
Clerk.

Melksham, December 12th, 1911.

To Laundry Engineers and Others.

The Metropolitan Asylums Board invite Tenders for the Installation of New Washing and Ironing Machinery at Caterham Asylum, Caterham, Surrey, in accordance with Drawing and Specification prepared by Mr. W. T. Hatch, M.Inst.C.E., M.I.Mech.E., Engineer-In-Chief.

The drawing, conditions of contract, specification, and form of tender may be inspected at the office of the Board, Embankment, London, E.C., and can be obtained upon payment of a deposit of £2. The amount of the deposit will be returned only to persons who have sent in bona-fide tenders and returned the drawing and specification in accordance with the instructions.

Tenders, addressed as noted on the form, must be delivered at the Office of the Board not later than 10 a.m. on Wednesday, 3rd January, 1912.

By order,
T. DUNCOMBE MANN,
Clerk to the Board.

13th December, 1911.

To Crane Makers.

The Dublin Port and Docks Board is prepared to receive tenders from Crane Makers for

Two Electric Four-Tons Portal Wharf Cranes.

The specification, together with a special form of tender, can be obtained at the office of the Engineer of the Board, Sir John P. Griffith, M.Inst.C.E., East Wall, Dublin, on payment of One Pound (which will be refunded to firms sending in bona-fide tenders).

Tenders, with contractor's supplemental specification and drawings, marked on the outside of the cover "Tender for Electric Wharf Cranes," must be delivered by post, sealed, prepaid, and addressed to the Secretary, Port and Docks Office, Westmoreland Street, Dublin, on or before Tuesday, the 30th day of January, 1912.

The Board does not bind itself to accept the lowest or any tender.

By order,
N. PROUD,
Secretary.

Dublin Port and Docks Office,
9th December, 1911.

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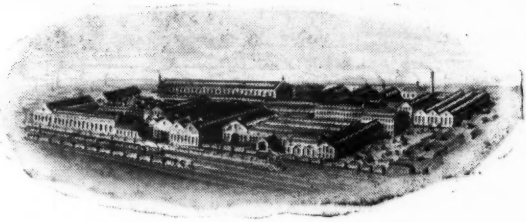

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DECEMBER 28, 1911.

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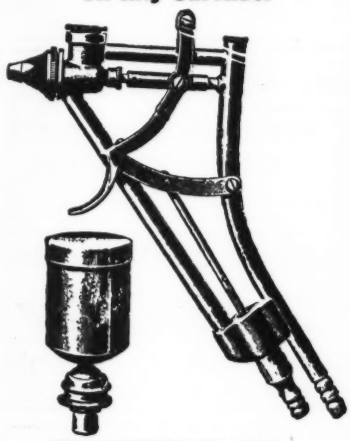

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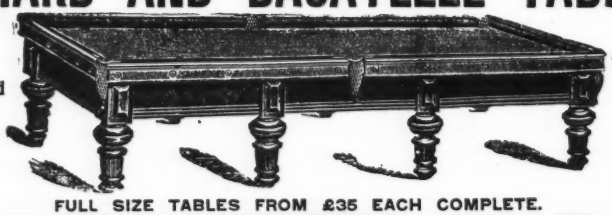
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United Alkali Co., Ltd., Liverpool.

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Seamless Steel Boat Co., Ltd., Wakefield.

Boiler Non-Conducting Coverings—
Kenyon, Wm., & Sons, Ltd., 95 and 97, Finsbury Pavement, London, E.C.; Chapel Field Works, Dukinfield, near Manchester.
Toope's Asbestos Covering Co., Ltd., Stepney Square, London, E.

Boilers (New and Secondhand)—
Stringer, John, & Son, Dept. 42, Blackburn. Telephone: 185 Blackburn. Telegraphic Address: Stringer, Blackburn.

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The Nubian Manufacturing Co., Lorrimore Street, London, S.E.

Boots and Shoes—
Riley, B., Desborough.

Borax and Boracic Acid—
Borax Consolidated Ltd., 16, Eastcheap, London, E.C.

Brassfounders—
Delta Metal Co., Ltd., London, E.C.

Brick Kiln Builders—
Osman, J., & Co., Ltd. (and Patentees), 3, Arundel Street, London, W.C. T. N. Central 2042, T. A. "Dampening."

Briquettes (*See Patent Fuel*)**—**
The Crown Preserved Coal Co., Ltd., Cardiff.

Bronze Manufacturers—
Delta Metal Co., Ltd., London, E.C.

Butter Colouring—
Reginald Fullwood & Co., 156, Strand, London Telephone—Gerrard 5790.

Button Manufacturers—
Smith & Wright, Ltd., Birmingham.

Cables and Wires—
Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.
Hooper's Telegraph and India-rubber Works, Ltd., London, E.C.
Western Electric Company, Ltd., Norfolk House, Norfolk Street, London, W.C.; Works—North Woolwich, E.

Calendars (Advertising) and Pictures—
A. Vivian Mansell & Co., 21/2, Chapel Street, Milton Street, London, E.C.

Camera and Shutter Manufacturers—
Thornton-Pickard Manufacturing Co., Ltd., Altrincham, England. Telegraphic Address: "Pickard, Altrincham." Telephone Number: 69 Altrincham.

Candle Manufacturers—
Ogston & Tennant, Ltd., Glasgow, Aberdeen and London.
Price's Patent Candle Co. Ltd., Battersea Works, Battersea, London, S.W.

Canister and Tin Box Making Machinery—
The F. E. Adams Pressure Tool Co., Ltd., Birkenhead, England. Tel. Address—"Pressure," Birkenhead. Codes—A B C 5th Edition and Tybo. (Canister-making Machinery and Canning Machinery generally.)

Carbolic Acid—
Miller, James, Son, & Co., Glasgow.

Carpet Machinery—
Hutchinson, Hollingworth & Co., Ltd., Dobcross Loom Works, Dobcross, S.O., Yorks. Telegraphic Address: Foundry, Dobcross. Railway Station: Saddleworth, L. & N. W.

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Jones, Thomas P., & Co., Old Hill, Staffs, England.

Cartridge Manufacturers—
Abbey Improved Chilled Shot Company, Ltd., Newcastle-on-Tyne (Abbeyrite Brand).
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.
Nobel's Explosives Co., Ltd., Glasgow.

Castor Oil Manufacturers—
The Hull Oil Manufacturing Co., Ltd., Hull, England.

Cattle and Pig Troughs—
W. P. Butterfield's, Ltd., Shipley, Yorks. Telegrams: "Tanks, Shipley." Telephone: 35 Shipley.

Celico (Regd.) Distemper Manufacturers—
Brockwell, W., & Sons, 175, Bermondsey Street, London, S.E.

Cement Making Plants—
Edgar Allen & Co., Ltd., Imperial Steel Works, Tinsley, Sheffield.

Cement Manufacturers—
West Kent Portland Cement Co., Burham, near Rochester.

Charcoal, Wood, Flake, Block, and Powdered—
Wilson Bros. Bobbin Co., Ltd., Cornholme Works, Garston, Liverpool.

Chemical Manufacturers—
Anglo-Continental (late Ohlendorff's) Guano Works, Dock House, Billiter Street, E.C.
Blythe, Wm., & Co., Ltd., Church, Lancs.
Brunner, Mond & Co., Ltd., Northwich, Cheshire.
Hedworth Barium Co., Ltd., Newcastle.
Holliday (Read) & Sons, Ltd., Huddersfield.
Miller, Jas., Son & Co., Glasgow.
Morris, H. N., & Co., Ltd., Gorton Brook Chemical Works, Manchester, S.E.
The Grove Chemical Co., Ltd., Crown Works, Appley Bridge, near Wigan.

Chemical Manufacturers—*continued.*
The Yorkshire Dyeware and Chemical Co., Ltd., 14, Park Square, Leeds, England.
United Alkali Co., Ltd., Liverpool.

Chemical Manure Manufacturers—
Anglo-Continental (late Ohlendorff's) Guano Works, Dock House, Billiter Street, E.C.
United Alkali Co., Ltd., Liverpool.

Chemical Plant and Machinery—
Scott, George, & Son (London), Ltd., Kingsway House, Kingsway, London, W.C.

Chilled Shot—
Abbey Improved Chilled Shot Company, Ltd., Newcastle-on-Tyne.

China Clay—
Best, James, & Sons, Stoke-on-Trent, Finest China Clays for Export. Shipping Port: Fowey, Cornwall. Works: Bloomdale, North Goonbarrow, Great Halviggan, Old Beam, Goonamarth, &c.
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Joyce, J. B., & Co., Whitchurch, Shropshire.

Cloth Manufacturers—
Hollins, Wm., & Co., Ltd., Pleasley Works, Mansfield, Notts (Spinners of Hosiery Yarns and Manufacturers of "Viyella" Cloth). T.A. "Pleasley, Nottingham."

Clothing Contractors—
Moses, Samuel, & Sons, Ltd., 65, Mansell Street, London, E.C.

Clothing Manufacturers (Army, Police and Railway)—
Compton, J., & Sons, Tower Hill, London. Contractors to War Office, Metropolitan Police and Principal Railways. Factories: London, Crewe, Swindon.
Hammond, John, & Co., Ltd., Newcastle, Staffs.

Cloths for Machinery—
Kenyon, James, & Son, Ltd., Bury.

Coal—
Wright & Co., Newcastle-on-Tyne. Shippers of all classes of Northumberland, Durham and Yorkshire Steam and Gas Coals. Telegrams: "Broking," Newcastle-on-Tyne.

Coal and Coke—
Cory Bros., & Co., Ltd., Cardiff.
Lewellin Godsell, 39, Borough Road, Birkenhead (Best N. and S. Wales, Lancs., Staffs., and Yorks., House, Steam, and Bunker Coals, Slack, &c.). Telephone No. B'head 149.
The Pemberton Colliery Co., Ltd., 7, Rumford Street, Liverpool. House, Gas, Steam and Bunker Coal, Smelting and Foundry Coke for Shipment. Telegrams—"Bee," Liverpool. Telephone—1016 Liverpool Central.
Tredegar Iron & Coal Co., Ltd., 60, Fenchurch Street, London, E.C., and Exchange, Cardiff. Welsh Steam Coals for Marine and Locomotive purposes. Telegrams "Glyncannon, London." Telephone, London Wall 2312.
Wharncliffe Woodmoor Colliery Co., Ltd., Barnsley.
Wigan Coal and Iron Co., Ltd., Wigan.

Coal Depot Proprietors—
Cory Bros. & Co., Cardiff.
Miller, James, Son, & Co., Glasgow.

Coal Tar—
Miller, James, Son, & Co., Glasgow.

Coatings (Cotton)—
Johnson, J., Hodgkinson & Pearson, Ltd. Manchester.

Cocoa—
The Indian Planters' Combination, 5, Fenchurch Street, London, E.C.

Coffee—
The Indian Planters' Combination, 5, Fenchurch Street, London, E.C.

Coffee (Red, White and Blue)—
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Colliery Owners—
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Peacock & Buchan, Limited. Southampton.

Concertinas (English)—
Lachenal & Co., Little James Street, W.C.

Confectioners' Colours, Essences, &c.—
Confectioners' Vegetable Colours and Fruit Essences Co., Ltd., Hackney Wick, N.E.

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Henley's, W. T., Telegraph Works Co., Ltd., London, E.C.

Corduroy—
Johnson, James, 2A, China Lane, Manchester.

Cotton Bags—
Feltham, W. H., & Son, Imperial Works, Tower Bridge Road, London.
Judge, T. & W., London, S.E.

Cotton Cleaning Waste—
Spencer & Curedale, Ltd., Bury Ground Works, Bury.

Cotton Driving Ropes—
Hart, Thomas, "Lambeth" Rope Works, Blackburn.
Kenyon, Wm., & Sons, Ltd., 95 and 97, Finsbury Pavement, London, E.C.; Chapel Field Works, Dukinfield, near Manchester.
Taylor, John, & Sons (Bolton), Ltd., Provincial Buildings, Bolton, Lancashire. Telephone—152 (2 lines). Telegrams—"Ropery, Bolton."

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Anderson, D. & J., Ltd., Bridgeton, Glasgow.
Kenyon, James, & Son, Ltd., Bury.
Rose, Hewitt & Co., Manchester, and 6, Aldermanbury Avenue, London, E.C.
Spinner, E., & Co., Manchester.

Cotton, Linen, and Woollen Cloths for Mechanical purposes—
Porritt, Joseph, and Sons, Helmshore, near Manchester. Telephone No. 4. Telegraphic Address, Porritt, Helmshore.

Cranes—
Waygood, R., & Co., Ltd., Falmouth Road, London, S.E.

Creosote—
United Alkali Co., Ltd., 30, James Street, Liverpool.

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Decklights and Porthole Glasses—
Stevens, James, & Son, Victoria Glass Works, Birmingham.

Decorative Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Delta Metal Manufacturers—
Delta Metal Co., Ltd., London, E.C.

Dermatine for various purposes—
Hose, Belting, Packing Rings, Air Pump Valves, &c. Dermatine Co., Ltd., Neate Street, London, S.E.

Detonators—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Diamond Grit Manufacturers (for Sawing and Rubbing Granite, Freestone, Marble, &c.)—
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Distillers—
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Distillers Co., Ltd., The. Edinburgh.

Diving Apparatus Manufacturers—
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Lancashire & Yorkshire Railway Co., Wyre Dock, Fleetwood.

Doctors and Files for Calico Printers—
R. E. Lazonby & Co., Blackley Steel Works, Manchester. Telephone: 713 Cheetham Hill.

Dog Biscuits, &c.—
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Drawing Instrument Makers—
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Stanley, W. F., & Co., Ltd., Great Turnstile, Holborn, London, W.C.

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United Alkali Co., Ltd., Liverpool.

Dyers and Cleaners of Silk and Wool Piece Goods—
Eastman & Son, Ltd., Acton Vale, London, W. (See Advt.).

Dyers and Tanners Extract Manufacturers—
The Yorkshire Dyeware and Chemical Co., Ltd., 14, Park Square, Leeds, England.

Dynamite—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.
Nobel's Explosive Co., Ltd., Nobel House, 195, West George Street, Glasgow.

Dynamos for Plating, &c.
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Electric Driving Lamps—
Vandervell, C. A., & Co., Warple Way, Acton Vale, W.

Electrical Accessories—
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Downs & Davies, 1 to 3, Stanley Street, Liverpool.

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Hooper's Telegraph and India-rubber Works, Ltd., 31, Lombard Street, London, E.C.

Electrical Porcelains—
James Macintyre & Co., Ltd., Washington China Works, Burslem.

Electric Fuses—
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Electro Plating Machinery and Materials—
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Encaustic Tiles—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Engineers—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Engineers, Constructional—
Humphreys, Ltd., Knightsbridge, London, S.W.

Engineers' Ironfounders—
Wigan Coal and Iron Co., Ltd., Wigan.

Engineers and Millwrights—*General—*
Aveling & Porter, Rochester (Locomotives, Road Rollers, &c.).
Baird, W., & Co., Glasgow (Pig Iron, Coal, Coke, &c.)
Burrell, C., & Sons, Ltd., Thetford (Locomotives, Steam Rollers, Traction Engines).
Grover & Co., Ltd., London, N.
Palatine Engineering Co., Liverpool.
Saxby & Farmer, Head Offices, 53, Victoria St., Westminster, S.W.; and Works, Chippenham, Wilts.

Essence Manufacturers—
Boake, Roberts & Co., Ltd., Stratford, London.
Confectioners' Vegetable Colours and Fruit Essences Co., Ltd., The, London, N.E.
Idris & Co., Ltd., London, N.W.

"Eternit" Tiles for Roofing, Sheets for Walls and Ceilings—
Speaker, G. R., & Co.. 28, Mark Lane, London.

Exhibition Contractors (Home and Abroad)—
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Explosives—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.
Nobel's Explosives Co., Ltd., Nobel House, 195, West George Street, Glasgow.

"Faience"—
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Falk's Table Salt—
The Salt Union, Ltd., Liverpool.

Fancywood Merchants—
Gardner, Joseph, & Sons, Bootle, Liverpool.

Felts (Paper Makers' Machine)—
Kenyon, James, & Son, Ltd., Bury.

Felts for Paper Makers—
Porritt, Joseph, & Sons, Helmshore, near Manchester. Telephone No. 4. Telegraphic Address, Porritt, Helmshore.

Felts for Paper makers, Pianos, Laundries, Printers, &c.—
Whitehead, R. R., & Brothers, Ltd., 10 and 12, Endell Street, Long Acre, W.C. Telephone No.: 9116 Central. Telegraphic Address: "Wandfelt," London.

Fencing (Iron and Wood)—
Palmer, T. W., & Co., Merton Abbey Ironworks, London, England.

Field Glasses and Telescopes—
Ross' Optical Works, 3, North Side, Clapham Common, S.W.

Fire Bricks—
Dougall, James, & Sons, Ltd., Bonnyside, Fire-brick Works, Bonnybridge, Scotland. (Manufacturers.)

Fireplaces, Enamelled in Colours and in Brick Red—
Carter & Co., Ltd., Encaustic Tile Works, Poole.

Flannel Manufacturers—
Kelsall & Kemp, Ltd., Rochdale.

Flannel (Suiting) and Serge Manufacturers—
H. M. Hudson & Co., Ltd., Crawshaw Mills, Pudsey, Leeds, Yorkshire. Telegrams, "Flannels," Pudsey.

Flint—
Keeling & Walker, Sutherland Mills, Stoke-on-Trent, produce the Finest quality of Ground Flint Stone and Felspar.

Flour Milling Engineers—
Robinson, Thomas, & Son, Ltd., Rochdale. London: 79, Queen Victoria Street, E.C.

Fluorspar—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 6 and 7, Cross Lane, Eastcheap, London, E.C. The Steel Maker and Iron Founders, Flux.

Flycatchers—
The Brown Manufacturing Co., Ltd., Pixmore Avenue, Letchworth, Herts. Specialities:—Brown's Famous "Flico" and "Fliban." Samples and particulars on application.

Food Preservatives—
Reginald Fullwood & Co., 156, Strand, London. Telephone—Gerrard 5790.

Foundry—
Haslam Union Foundry, 175/177, Salisbury House, London Wall, E.C.

Foundry Requisites—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 6 and 7, Cross Lane, Eastcheap, London, E.C. Plumbago, Ferro Silicon, Ferro Manganese, and all foundry requisites.

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French Chalk—
Blackwell, G. G., Sons & Co., Ltd., The Albany, Liverpool, and at 6 and 7, Cross Lane, Eastcheap, London, E.C. Largest importers of all grades of Talc.

French Polish Manufacturers—
Jackson, James, & Co., Major Works, Jamaica Road, London, S.E. (founded 1827 in Union Street, Borough, S.E.), manufacturers French Polish, Spirit Varnishes, Knotting, Stains, Lacquers. Shellac and Glue Merchants, &c.

Fruit Essence Manufacturers—
Confectioners' Vegetable Colours & Fruit Essences Co., Ltd., London, N.E.

Furniture—
B. Cohen & Sons, Ltd., 1-19 and 29-31, Curtain Road, London, E.C.

Fuse (Safety)—
Curtis's & Harvey, Ltd., 3, Gracechurch Street, London, E.C.

Galvanizers—
W. P. Butterfield's, Ltd., Shipley, Yorks. Telegrams: "Tanks, Shipley." Tele.: 35 Shipley.

Gas Coal—
Kent's Wharncliffe Woodmoor Colliery Co., Ltd., Barnsley.

Gas Engines—
The Haslam Foundry & Engineering Co., Ltd., Pontifex & Wood, London, Union Foundry, Derby.
Keighley Gas and Oil Engine Co., Ltd., Imperial Works. Keighley, England. Cablegrams: Imperial Keighley. Code A.B.C. 5th Edition.
Robson, J., & Co. (Shipley), Ltd., Shipley, Yorks.
Widdop, H., Park Street, Keighley, Eng.

Gas Engine Makers—
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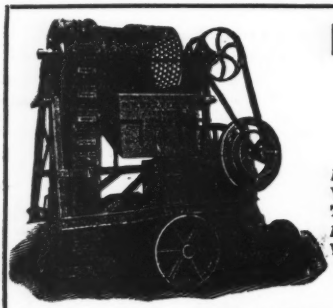

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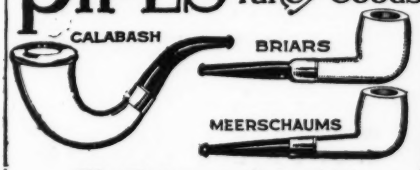

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Railway Appliances—
Saxby & Farmer, Ltd., Head Offices, 53, Victoria Street, Westminster, S.W., and Works, Chippenham, Wilts. (Railway Signals, &c.)

Railway Buffers, Stops, and Switches and Crossings—
Hartley, Causton & Richmond, Ltd., Fenton, Stoke-on-Trent.

Railway Lamp Lenses—
Stevens, James, & Son, Victoria Glass Works, Dartmouth Street, Birmingham.

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Razors and Safety Shavers—
The Wilkinson Sword Co., Ltd., 53, Pall Mall, London, S.W.

Refined Coal—
Miller, James, Son & Co., 79, West Nile Street, Glasgow.

Refrigerators—
Hall, Crabtree & Heap, Birkenhead.
Haslam Foundry & Engineering Co., Ltd., The, Derby.
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Reginald Fullwood & Co., 156, Strand, London, Telephone—Gerrard 5790

Retorts—
Stevens, J., & Son, Dartmouth Street, Birmingham.

Roof Glazing—
Grover & Co., Ltd., Wharf Road, City Road, London, N.

Roofing (Patent)—
Grover & Co., Ltd., Wharf Rd., City Rd. London, N.

Roofing Slate Producers—
The Festiniog District Slate Quarry Proprietors' Association. Secretary's Office—120A, High Street, Portmadoc, N. Wales.

Ropes for Driving—
Hart, Thomas, "Lambeth" Rope Works, Blackburn.
Kenyon, Wm., & Sons, Ltd., 95 and 97, Finsbury Pavement, London, E.C.; Chapel Field Works, Dukinfield, near Manchester.
Taylor, John, & Sons (Bolton), Ltd., Provincial Buildings, Bolton, Lancashire. Telephone—15 (2 lines). Telegrams—"Ropery, Bolton."

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Savage, H., 96, Old Street, London, E.C.

Sacks and Bags—
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Cotterill, Edwin, & Co., Climax Works, 36, Ludgate Hill, Birmingham.
Hobbs, Hart & Co., Ltd., London, N.
Milners' Safe Co., Ltd., 28, Finsbury Pavement, London, E.C.
Ratner, 51, Moorgate Street, London, E.C.
Tann, John, Newgate Street, London, E.C.
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Sawing and Planing Mills—
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Ships' Lamp Lenses—
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Shirtings—
Anderson, D. & J., Bridgeton, Glasgow.

Shop Fittings—
Harris & Sheldon, Ltd., Stafford St., Birmingham.

Shot—
Abbey Improved Chilled Shot Company, Ltd., Newcastle-on-Tyne.

Shutters (Kinnear Patent Steel Rolling)—
Gibson, Arthur L., & Co., Radnor Works, Strawberry Vale, Twickenham.

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Dennison, Kett & Co., Ltd. (Successors to Clark, Bunnett & Co., Ltd.), 11, Queen Victoria Street, London, E.C.

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Steam Coal—
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Steel Company of Scotland, Ltd., Glasgow.

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Steel Company of Scotland, Ltd., Glasgow.
Stewarts & Lloyds, Ltd., Glasgow & Birmingham.
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Tann, John, Newgate Street, London, E.C.

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Sulphuric Acid Manufacturers' Retorts—
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Taylor, W. G., New Charford Mills, Saltley, Birmingham; and Charford Mills, Bromsgrove.

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Stanley, W. F., & Co., Ltd., Great Turnstile, Holborn, London, W.C.

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Idris & Co., Ltd., Camden Town, London, N.W.

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Henley's, W. T., Telegraph Works Co., Ltd. London, E.C.
Hooper's Telegraph and India-rubber Works, Ltd., London, E.C.

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Western Electric Company, Ltd., Norfolk House, Norfolk Street, London, W.C.; Works—North Woolwich, E.

Textile Manufacturers—
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Tiles—
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Tiles, Tesselated and Glazed—
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Wright & Co., Maritime Buildings, Newcastle-on-Tyne. Importers. Telegraph Address—"Broking." Branch at Hull. Telegraph Address—"Deals."

Timber Merchants and Importers—
Gardner, Joseph, & Sons, Liverpool.
Walker, G. B., & Son, Bootle, Liverpool.

Towels—
Johnson, J., Hodgkinson & Pearson, Ltd., Manchester.

Trace Chains, "Tiger Brand"—
Jones, Thomas P., & Co., Old Hill, Staffs., England.

Traction Engines—
Aveling & Porter, Ltd., Rochester.

Tubes and Fittings—
Dugard Bros., Birmingham.
Jones, Thomas P., Atlas Tube Works, Netherton, near Dudley.
Spencer, John, Ltd., Globe Tube Works, Wednesbury.
Stewarts & Lloyds, Ltd., Birmingham.

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Williams, Richard & Co., The Slate Works, Portmadoc, Carnarvonshire.

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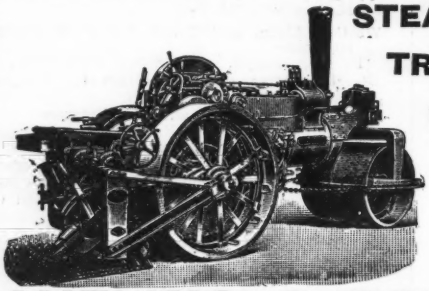

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